

All Harley-Davidson Models JOB TIME/CODE MANUAL 2010

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Binder 99998-88

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JOB TIME/CODE UPDATE FORM

_____ **Job Change**

_____ **Job Addition**

Update requested based on this experience:

MODEL AND YEAR	JOB DESCRIPTION	JOB TIME	JOB/CODE NUMBER (IF ANY)

Name:

Date:

Street:

Dealership Number:

City:

State and Zip:

Email:

Phone Number:

99997-10
2010 Harley-Davidson Job Time/Codes

Please clip out and mail to:
Harley-Davidson Motor Company
P.O. Box 653
Milwaukee, WI 53201 USA

GENERAL INFORMATION

2010 MODEL PREFIXES

All 2010 model prefixes are listed at the top of each page in each section. Please note that these flat rates only apply to the 2010 model year. They do not apply to any previous model year vehicles.

Chapter 1. Softail Models

CODE	NAME
BV5	FXST
BW5	FLSTC
BX5	FLSTF
JD5	FLSTN
JE5	FLST
JG5	FLSTF Shrine
JH5	FLSTC Shrine
JK5	FXCWC
JL5	FXSTC
JM5	FLSTSB
JN5	FLSTFB

Chapter 2. Dyna Models

CODE	NAME
GM4	FXD
GN4	FXDL
GP4	FXDWG
GV4	FXDC
GX4	FXDB
GY4	FXDF

Chapter 3. Sportster Models

CODE	NAME
CP2	XL883C
CR2	XL883L
CS2	XL883R
CT3	XL1200C
CX3	XL1200L
CZ3	XL1200N
LA6	XR1200
LD6	XR1200X
LE2	XL883N

Chapter 4. VRSC Models

CODE	NAME
HFH	VRSCAW
HFJ	VRSCAW 105
HHH	VRSCDX
HHJ	VRSCDX 105
HPH	VRSCF
HPJ	VRSCF 105

Chapter 5. FLHT/FLTR Models

CODE	NAME
FC4	FLHTCU
FF4	FLHTC
FG4	FLHTCU w/Sidecar
FL4	FLHTCU Shrine
FMM	FLHTP
FV4	FLHT
KB4	FLHX
KEM	FLHTK
KH4	FLTRX

Chapter 6. FLHR Models

CODE	NAME
FB4	FLHR
FHM	FLHP Police
FR4	FLHRC
FTM	FLHPE
FW4	FLHR Shrine

Chapter 7. Trike Models

CODE	NAME
MAM	FLHTCUTG
MBM	FLHXXX

Chapter 8. Sidecar Models

CODE	NAME
SKX	TLEU
SZX	TLE

Chapter 9. CVO: FLHTCUSE5

CODE	NAME
PR8	FLHTCUSE5

Chapter 10. CVO: FLHXSE

CODE	NAME
PZ8	FLHXSE

Chapter 11. CVO: FLSTSE

CODE	NAME
PY9	FLSTSE

Chapter 12. CVO: FXDFSE2

CODE	NAME
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PX8	FXDFSE2

Chapter 13. Harley Accessories

CODE	NAME
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Unless otherwise specified, Job Times shown include all operations necessary to complete the listed job.

BV5 = FXST
JM5 = FLSTSB

BW5 = FLSTC
JG5 = FLSTF Shrine

BX5 = FLSTF
JH5 = FLSTC Shrine

JD5 = FLSTN
JE5 = FLST

JL5 = FXSTC
JN5 = FLSTFB

JK5 = FXCWC

Table 1-1. Service

ITEM	DESCRIPTION	LABOR CODE	MODELS						
			BW5 JH5 JE5	JD5	BV5	BX5 JG5 JN5	JL5	JK5	JM5
NEW									
Set-up and pre-delivery		---	2.1	2.1	2.1	2.1	2.1	2.1	2.1
1000 (1,600 km) mile service		---	1.5	1.5	1.5	1.5	1.5	1.5	2.0
REGULAR									
5,000 (8,000 km) mile maintenance		---	1.0	1.0	1.0	1.0	1.0	1.0	1.0
10,000 (16,000 km) mile maintenance		---	1.5	1.5	1.5	1.5	1.5	1.5	2.0
15,000 (24,000 km) mile maintenance		---	1.0	1.0	1.0	1.0	1.0	1.0	1.0
20,000 (32,000 km) mile maintenance		---	1.5	1.5	1.5	1.5	1.5	1.5	2.0
25,000 (40,000 km) mile maintenance		---	1.5	1.5	1.5	1.5	1.5	1.5	2.0
30,000 (48,000 km) mile maintenance		---	1.5	1.5	1.5	1.5	1.5	1.5	2.0
Addition to any maintenance- required every 2 years	flush/fill D.O.T 4 brake fluid- front and rear	---	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Addition to 1,000, 5,000 and 20,000 mile (1,600, 8,000, and 32,000 km) maintenance and every 15,000 mile (24,000 km) interval there after	Tighten spoke wheels if equipped, time per wheel	---	0.5	0.5	0.5	0.5	0.5	0.5	0.5

BV5 = FXST
JM5 = FLSTSB

BW5 = FLSTC
JG5 = FLSTF Shrine

BX5 = FLSTF
JH5 = FLSTC Shrine

JD5 = FLSTN
JE5 = FLST

JL5 = FXSTC
JN5 = FLSTFB

JK5 = FXCWC

Table 1-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS						
			BW5 JH5 JE5	JD5	BV5	BX5 JG5 JN5	JL5	JK5	JM5
PAINT REPAIR									
NOTE: Use these codes when repairing any painted part on vehicle with the Kent Moore finesse kit or other paint repair methods									
Light scuff/scratch - buff		1102	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Light sanding/buff/blend		1104	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Buff entire part		1106	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Repair build up in clear/paint		1108	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Color blend/paint/buff		1110	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DRIVE									
Adjust secondary belt at PDI only		2010	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace secondary belt		2011	4.7	4.7	4.7	4.7	4.7	4.7	4.7
Replace rear wheel sprocket		2021	0.8	0.8	0.8	0.8	0.8	0.8	0.8
WHEELS									
Replace tire - includes balancing	front	2106	0.5	0.5	0.5	0.5	0.5	0.5	0.7
Replace tire - includes balancing	rear	2111	0.8	0.8	0.8	1.3	0.8	1.3	1.3
Replace wheel assembly - includes disc and sprocket exchange and balancing	front	2113	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Replace wheel assembly - includes disc and sprocket exchange and balancing	rear	2114	1.2	1.4	1.2	1.4	1.2	1.3	0.9
Replace rim, hub or spokes (includes truing wheel)	front	2116	2.3	2.3	2.3	---	2.3	---	2.3
Replace rim, hub or spokes (includes truing wheel)	rear	2121	2.3	2.3	2.3	---	2.3	---	2.3
Replace wheel bearings	front	2136	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Replace wheel bearings	rear	2141	1.0	1.0	1.0	1.0	1.0	1.1	0.6
Check or true spoke wheel	each wheel	2155	0.5	0.5	0.5	---	0.5	0.5	0.5
Replace wheel weight		2119	0.1	0.1	0.1	0.1	0.1	0.1	0.1
HANDLEBARS									
Replace handlebars		2206	0.5	0.5	0.5	2.2	0.5	---	0.5

BV5 = FXST
JM5 = FLSTSB

BW5 = FLSTC
JG5 = FLSTF Shrine

BX5 = FLSTF
JH5 = FLSTC Shrine

JD5 = FLSTN
JE5 = FLST

JL5 = FXSTC
JN5 = FLSTFB

JK5 = FXCWC

Table 1-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS						
			BW5 JH5 JE5	JD5	BV5	BX5 JG5 JN5	JL5	JK5	JM5
Replace handlebars	left side	2211	---	---	---	---	---	1.2	---
Replace handlebars	right side	2212	---	---	---	---	---	1.2	---
Replace clutch hand lever		2221	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace clutch hand lever bracket		2226	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace throttle control		2231	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace and adjust throttle control cables	one or both	2241	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Replace both rubber handlebar mounts		2246	0.5	0.5	0.5	0.5	0.5	0.5	0.4
Replace rubber handlebar grip		2251	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace handlebar riser	one or both	2253	0.4	0.4	0.4	0.4	0.4	0.4	0.2
Replace handlebar clamp	one or both	2254	0.1	0.1	0.1	0.1	0.1	0.3	0.1
FRAME/SWING ARM/FRONT FORK									
Replace frame	includes removal and installation of all accessories and motorcycle components	2306	12.4	12.4	12.4	12.4	12.4	12.4	12.4
Replace top fork clamp		2309	---	---	---	---	---	---	0.3
Replace front fork assembly		2311	2.3	2.3	2.2	2.3	2.2	2.2	---
Replace lower fork bracket and stem		2316	2.4	2.4	2.3	2.4	2.3	2.3	---
Replace steering head cups and bearings, including bearing adjustment		2321	1.9	1.9	1.8	1.9	1.8	1.8	---
Replace upper fork bracket		2326	1.3	1.3	1.2	1.3	1.2	2.0	---
Replace fork lock		2330	1.0	1.0	0.8	1.0	0.8	0.8	1.1
Replace steering bearings		2332	1.4	1.4	1.4	1.4	1.4	1.4	2.0
Replace rigid fork		2334	---	---	---	---	---	---	2.1
Replace spring fork		2285	---	---	---	---	---	---	1.4
Adjust steering head bearing		2290	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Change front fork oil		---	0.5	0.5	0.5	0.5	0.5	0.7	---

BV5 = FXST
JM5 = FLSTSB

BW5 = FLSTC
JG5 = FLSTF Shrine

BX5 = FLSTF
JH5 = FLSTC Shrine

JD5 = FLSTN
JE5 = FLST

JL5 = FXSTC
JN5 = FLSTFB

JK5 = FXCWC

Table 1-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS						
			BW5 JH5 JE5	JD5	BV5	BX5 JG5 JN5	JL5	JK5	JM5
Replace shock		2335	---	---	---	---	---	---	0.1
Replace one or more rebound spring(s)		2336	---	---	---	---	---	---	0.3
Replace upper spring bridge		2338	---	---	---	---	---	---	0.1
Replace lower (compression) spring or spring reaction rod assembly (one or more) or spring fork		2348	---	---	---	---	---	---	1.4
Replace strut assembly (front fender)		2284	---	---	---	---	---	---	0.3
Replace lower rocker	one	2350	---	---	---	---	---	---	0.6
Replace lower rocker	both	2353	---	---	---	---	---	---	0.7
Replace rocker bearings (rocker removed)		2355	---	---	---	---	---	---	0.2
Service fork slider and/or seal – includes removal, disassembly, cleaning, inspection, replacing parts, servicing damper tube, replacing bushings, assembly and installation	one side	2341	0.8	0.8	0.7	0.8	0.7	0.7	---
Service fork slider and/or seal – includes removal, disassembly, cleaning, inspection, replacing parts, servicing damper tube, replacing bushings, assembly and installation	both sides	2342	1.2	1.2	1.1	1.2	1.1	1.1	---
Replace fork side	one side	2346	0.7	0.7	0.6	0.7	0.6	0.6	---
Replace fork side	both sides	2351	0.8	0.8	0.8	0.8	0.8	0.8	---
Replace fork tube – includes removal, disassembly, cleaning, inspection, replacing parts, servicing damper tube, replacing bushings, assembly and installation	one side	2356	0.8	0.8	0.7	0.8	0.7	0.7	---
Replace fork tube – includes removal, disassembly, cleaning, inspection, replacing parts, servicing damper tube, replacing bushings, assembly and installation	both sides	2361	1.2	1.2	1.1	1.2	1.1	1.1	---
Replace rear swing arm and/or bearings or rear fork pivot shaft		2366	1.2	1.2	1.2	1.2	1.2	1.2	1.4

BV5 = FXST
JM5 = FLSTSB

BW5 = FLSTC
JG5 = FLSTF Shrine

BX5 = FLSTF
JH5 = FLSTC Shrine

JD5 = FLSTN
JE5 = FLST

JL5 = FXSTC
JN5 = FLSTFB

JK5 = FXCWC

Table 1-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS						
			BW5 JH5 JE5	JD5	BV5	BX5 JG5 JN5	JL5	JK5	JM5
Replace rear shock absorber assembly	one side	2371	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Replace rear shock absorber assembly	both sides	2376	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Replace shock bushing – includes removing shock	one	2382	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Replace shock bushing – includes removing shock	both	2383	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Replace jiffy stand	spring and/or stand	2396	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace jiffy stand	rubber bumper	2399	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace jiffy stand	bushings and or pin	2286	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace footboard or foot peg		2394	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace footboard insert		2299	0.1	0.1	---	0.1	---	---	0.1
BRAKES									
Replace hydraulic brake line – includes filling/bleeding brakes	front	2406	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace hydraulic brake line – includes filling/bleeding brakes	rear	2411	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace brake pads	front	2416	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace brake pads	rear	2421	0.3	0.6	0.3	0.6	0.3	0.3	0.3
Replace brake reaction rod		2423	---	---	---	---	---	---	0.1
Replace brake caliper – includes filling/bleeding brakes	front	2426	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace brake caliper – includes filling/bleeding brakes	rear	2431	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Replace rear brake caliper mount		2408	0.7	0.7	0.7	0.7	0.7	0.7	0.6
Replace brake disc	front	2436	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace brake disc	rear	2441	0.8	0.8	0.8	0.8	0.8	0.8	0.9
Bleed brake caliper	front	2442	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Bleed brake caliper	rear	2443	0.2	0.2	0.2	0.2	0.2	0.2	0.2

BV5 = FXST
JM5 = FLSTSB

BW5 = FLSTC
JG5 = FLSTF Shrine

BX5 = FLSTF
JH5 = FLSTC Shrine

JD5 = FLSTN
JE5 = FLST

JL5 = FXSTC
JN5 = FLSTFB

JK5 = FXCWC

Table 1-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS						
			BW5 JH5 JE5	JD5	BV5	BX5 JG5 JN5	JL5	JK5	JM5
Overhaul brake caliper – includes filling/bleeding brakes	front	2451	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Overhaul brake caliper – includes filling/bleeding brakes	rear	2456	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Replace master cylinder assembly – includes filling/bleeding brakes	front	2461	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace master cylinder assembly – includes filling/bleeding brakes	rear	2466	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Rebuild master cylinder assembly – includes filling/bleeding brakes	front	2471	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Rebuild master cylinder assembly – includes filling/bleeding brakes	rear	2476	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Replace brake master cylinder cover/gasket		2479	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace rear brake pedal		2492	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace front brake lever		2494	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SEATS/FENDERS/TANKS									
Replace seat only		2506	0.1	0.1	0.1	0.1	0.1	0.1	0.3
Replace seat mount bushings		2608	---	---	---	---	---	---	0.2
Rplace seat hinge		2630	---	---	---	---	---	---	0.1
Replace frame mounting pivot bracket		2632	---	---	---	---	---	---	0.1
Replace spring seat support bracket		2633	---	---	---	---	---	---	0.1
Replace seat spring (each)		2634	---	---	---	---	---	---	0.1
Replace spring bushing		2635	---	---	---	---	---	---	0.1
Replace spring base seat bracket		2639	---	---	---	---	---	---	0.1
Replace frame fairing (battery cover)		2641	---	---	---	---	---	---	0.1
Replace pillion/passenger seat		2502	0.1	0.1	---	0.1	---	0.1	---
Replace seat support	either side	2701	---	---	---	---	---	0.6	---

BV5 = FXST
JM5 = FLSTSB

BW5 = FLSTC
JG5 = FLSTF Shrine

BX5 = FLSTF
JH5 = FLSTC Shrine

JD5 = FLSTN
JE5 = FLST

JL5 = FXSTC
JN5 = FLSTFB

JK5 = FXCWC

Table 1-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS						
			BW5 JH5 JE5	JD5	BV5	BX5 JG5 JN5	JL5	JK5	JM5
Replace pillion support		2702	---	---	---	---	---	0.5	---
Replace locking hardware	per side	2703	---	---	---	---	---	0.2	---
Replace seat bracket/cover		2704	---	---	---	---	---	0.1	---
Replace ignition switch name plate		5130	0.1	0.1	0.1	0.1	0.1	0.1	---
Replace fender	front	2526	1.1	1.1	0.3	0.3	0.3	0.8	0.7
Replace fender	rear	2531	1.6	1.6	1.2	1.2	1.2	1.0	1.0
Replace rear fender support/cover – one only		2536	0.3	0.3	0.3	0.3	0.3	---	0.3
Replace fuel tank assembly		2541	0.9	0.9	0.9	0.9	0.9	0.9	0.8
Replace fuel gauge		2563	0.5	0.5	0.5	0.5	0.5	0.5	0.2
Replace fuel gauge sending unit		2564	0.5	0.5	0.5	0.5	0.5	0.5	0.3
Replace oil tank and/or one or more rubber mount(s)		2566	2.3	2.8	2.3	2.8	2.3	2.3	2.5
Replace any single oil hose		2576	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Replace license plate bracket		2590	---	---	0.5	---	0.5	0.1	---
BELT GUARDS									
Replace clutch cover and/or o-ring		2607	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace debris deflector (belt guard)		2616	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace fender extension		2707	---	---	---	---	---	0.1	---
EXHAUST SYSTEM									
Replace complete exhaust system and/or gas-kets/inter-connect		2626	0.8	0.8	0.8	0.8	0.8	0.8	1.4
Replace exhaust pipe – dual exhaust system	front	2631	0.7	---	0.7	---	0.7	0.7	1.2
Replace exhaust pipe – dual exhaust system	rear	2636	0.5	---	0.5	---	0.5	0.5	0.3
Replace exhaust pipe – shotgun		2615	---	0.8	---	0.8	0.7	---	---
Replace muffler		2646	0.2	0.6	0.2	0.6	0.2	0.2	0.2

BV5 = FXST
JM5 = FLSTSB

BW5 = FLSTC
JG5 = FLSTF Shrine

BX5 = FLSTF
JH5 = FLSTC Shrine

JD5 = FLSTN
JE5 = FLST

JL5 = FXSTC
JN5 = FLSTFB

JK5 = FXCWC

Table 1-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS						
			BW5 JH5 JE5	JD5	BV5	BX5 JG5 JN5	JL5	JK5	JM5
Check for exhaust leaks		---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace any exhaust shield		2661	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace muffler support		2666	0.8	0.8	0.8	0.8	0.8	0.8	0.2

BV5 = FXST
JM5 = FLSTSB

BW5 = FLSTC
JG5 = FLSTF Shrine

BX5 = FLSTF
JH5 = FLSTC Shrine

JD5 = FLSTN
JE5 = FLST

JL5 = FXSTC
JN5 = FLSTFB

JK5 = FXCWC

Table 1-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS						
			BW5 JH5 JE5	JD5	BV5	BX5 JG5 JN5	JL5	JK5	JM5
GENERAL									
Remove and install engine	California vehicles only	3006	5.4	5.4	5.4	5.4	5.3	5.4	5.4
Remove and install engine		3006	5.3	5.3	5.3	5.3	5.4	5.3	5.3
Remove and replace oil tank for inspection/contamination		3009	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Recondition cylinder head – includes removal of head and gasket, remove carbon, service valve guides, grind valves and seats, test springs and install head and gaskets.	front head	3101	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Recondition cylinder head – includes removal of head and gasket, remove carbon, service valve guides, grind valves and seats, test springs and install head and gaskets.	rear head	3103	4.1	4.5	4.1	4.5	4.1	4.5	4.5
Recondition cylinder head – includes removal of head and gasket, remove carbon, service valve guides, grind valves and seats, test springs and install head and gaskets.	both heads	3104	4.7	5.1	4.7	5.1	4.7	5.1	5.1
Replace cylinder head	one head	3106	3.1	3.5	3.1	3.5	3.1	3.5	3.2
Replace cylinder head	both heads	3108	4.0	4.4	4.0	4.4	4.0	4.4	3.8
Replace valve seal or spring after cylinder head removal	one seal or spring (intake or exhaust)	3131	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace valve seal or spring after cylinder head removal	both seals or springs (intake or exhaust)	3132	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace cylinder head gasket/o-ring	front cylinder	3140	2.2	2.6	2.2	2.6	2.2	2.6	2.6
Replace cylinder head gasket/o-ring	rear cylinder	3142	2.2	2.6	2.2	2.6	2.2	2.6	2.6
Replace cylinder head gasket/o-ring	both cylinders	3143	2.6	3.0	2.6	3.0	2.6	3.0	3.0
Replace rocker arm covers and/or gaskets	front cylinder	3144	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Replace rocker arm covers and/or gaskets	rear cylinder	3145	0.7	0.7	0.7	0.7	0.7	0.7	0.7

BV5 = FXST
JM5 = FLSTSB

BW5 = FLSTC
JG5 = FLSTF Shrine

BX5 = FLSTF
JH5 = FLSTC Shrine

JD5 = FLSTN
JE5 = FLST

JL5 = FXSTC
JN5 = FLSTFB

JK5 = FXCWC

Table 1-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS						
			BW5 JH5 JE5	JD5	BV5	BX5 JG5 JN5	JL5	JK5	JM5
Replace rocker arm covers and/or gaskets	both cylinders	3148	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Replace lower rocker arm cover/gasket, or rocker arms and /or shafts/rocker arm support	front cylinder	3147	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Replace lower rocker arm cover/gasket, or rocker arms and /or shafts/rocker arm support	rear cylinder	3152	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Replace lower rocker arm cover/gasket, or rocker arms and /or shafts/rocker arm support	both cylinders	3153	1.6	1.6	1.6	1.6	1.6	1.6	1.5
Recondition rocker arms after heads are removed	one head	3149	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Recondition rocker arms after heads are removed	both heads	3150	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Replace cylinder o-ring/drain o-ring	one cylinder	3161	2.4	2.8	2.4	2.8	2.4	2.8	2.8
Replace cylinder o-ring/drain o-ring	rear cylinder	3163	2.4	2.8	2.4	2.8	2.4	2.8	2.8
Replace cylinder o-ring/drain o-ring	both cylinders	3168	2.8	3.2	2.8	3.2	2.8	3.2	3.2
Replace crankcase umbrella valve	one	3172	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Replace crankcase umbrella valve	both	3174	1.1	1.1	1.1	1.1	1.1	1.1	1.1
CYLINDER AND PISTON									
Recondition top end - includes disassembly, replacement of piston and sizing cylinder (.005" pistons), replacing piston rings and all items listed under recondition cylinder head and assembly.	one piston and cylinder	3202	5.1	5.5	5.1	5.5	5.1	5.5	4.5
Recondition top end - includes disassembly, replacement of piston and sizing cylinder (.005" pistons), replacing piston rings and all items listed under recondition cylinder head and assembly.	both pistons and cylinders	3203	5.7	6.1	5.7	6.1	5.7	6.1	5.1
Recondition top end - includes disassembly, replacement of piston and bore and hone, resizing cylinder (.010" oversize or above), replacing piston rings and all items listed under recondition cylinder head and assembly.	one piston and cylinder	3211	5.5	5.9	5.5	5.9	5.5	5.9	5.9

BV5 = FXST
JM5 = FLSTSB

BW5 = FLSTC
JG5 = FLSTF Shrine

BX5 = FLSTF
JH5 = FLSTC Shrine

JD5 = FLSTN
JE5 = FLST

JL5 = FXSTC
JN5 = FLSTFB

JK5 = FXCWC

Table 1-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS						
			BW5 JH5 JE5	JD5	BV5	BX5 JG5 JN5	JL5	JK5	JM5
Recondition top end - includes disassembly, replacement of piston and bore and hone, resizing cylinder (.010" oversize or above), replacing piston rings and all items listed under recondition cylinder head and assembly.	both pistons and cylinders	3212	6.1	6.5	6.1	6.5	6.1	6.5	6.5
Recondition top end – includes disassembly, deglazing cylinder and replacing rings, or replacing cylinder and piston, all items listed under recondition cylinder head and assembly.	one piston and cylinder	3207	4.9	5.3	4.9	5.3	4.9	5.3	4.3
Recondition top end – includes disassembly, deglazing cylinder and replacing rings, or replacing cylinder and piston, all items listed under recondition cylinder head and assembly.	both pistons and cylinders	3208	5.5	5.9	5.5	5.9	5.5	5.9	5.9
Replace piston rings – includes deglazing cylinder	one cylinder	3206	2.7	3.1	2.7	3.1	2.7	3.1	3.1
Replace piston rings – includes deglazing cylinder	both cylinders	3216	3.3	3.7	3.3	3.7	3.3	3.7	3.7
Replace piston and piston rings – includes removal of cylinder head and cylinder, fitting new piston with rings, resizing cylinder and assembly	one cylinder	3221	3.3	3.7	3.3	3.7	3.3	3.7	3.7
Replace piston and piston rings – includes removal of cylinder head and cylinder, fitting new piston with rings, resizing cylinder and assembly	both cylinders	3231	4.5	4.9	4.5	4.9	4.5	4.9	4.9
Replace cylinder and piston	one cylinder	3236	2.6	3.0	2.6	3.0	2.6	3.0	3.0
Replace cylinder and piston	both cylinders	3246	3.1	3.5	3.1	3.5	3.1	3.5	3.5
Replace one cylinder stud	cylinder removed	3253	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace all eight cylinder studs	cylinders removed	3254	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Replace Crank positions sensor o-ring.		3403	0.1	0.1	0.1	0.1	0.1	0.1	0.1
CAM COVER									
Replace lifter cover/gasket or lifter/and, or anti-rotation pin	one or two same cylinder	3307	1.3	1.3	1.3	1.3	1.3	1.3	1.3

BV5 = FXST
JM5 = FLSTSB

BW5 = FLSTC
JG5 = FLSTF Shrine

BX5 = FLSTF
JH5 = FLSTC Shrine

JD5 = FLSTN
JE5 = FLST

JL5 = FXSTC
JN5 = FLSTFB

JK5 = FXCWC

Table 1-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS						
			BW5 JH5 JE5	JD5	BV5	BX5 JG5 JN5	JL5	JK5	JM5
Replace lifter cover/gasket or lifter/and, or anti-rotation pin	both on both cylinders	3310	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Replace push rod, push rod cover and/or o-ring or quad seal	one or two same cylinder	3317	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Replace push rod, push rod cover and/or o-ring or quad seal	one each cylinder	3318	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Replace cam cover and/or gasket		3325	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Replace primary cam chain, sprockets and/or fastener		3327	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Replace primary cam chain tensioner		3328	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Replace cam support plate o-rings		3335	2.1	2.1	2.1	2.1	2.1	2.1	2.1
Replace cam support plate		3337	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Replace cam support /cams/secondary cam chain/tensioner		3338	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Replace oil pump and/or o-ring		3341	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Replace cam bearing crankcase	one bearing	3342	2.7	2.7	2.7	2.7	2.7	2.7	2.7
Replace cam bearing crankcase	two bearings	3343	3.0	3.0	3.0	3.0	3.0	3.0	3.0
By pass valve inspection		3354	2.0	2.0	2.0	2.0	2.0	2.0	2.0
CRANKCASE									
Replace crankcases	California vehicles only – includes remove and install engine	3406	7.6	7.6	7.6	7.6	7.6	7.6	7.6
Replace crankcases	includes remove and install engine	3406	7.5	7.5	7.5	7.5	7.5	7.5	7.3
Seal crankcase only		3407	6.6	6.6	6.6	6.6	6.6	6.6	6.6
Replace flywheels	includes remove and install engine	3411	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Replace left or right side main bearing	California vehicles only	3412	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Replace left or right side main bearing		3412	6.6	6.6	6.6	6.6	6.6	6.6	6.6
Piston jet/o-ring	one	3413	2.2	2.2	2.2	2.2	2.2	2.2	2.2

BV5 = FXST
JM5 = FLSTSB

BW5 = FLSTC
JG5 = FLSTF Shrine

BX5 = FLSTF
JH5 = FLSTC Shrine

JD5 = FLSTN
JE5 = FLST

JL5 = FXSTC
JN5 = FLSTFB

JK5 = FXCWC

Table 1-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS						
			BW5 JH5 JE5	JD5	BV5	BX5 JG5 JN5	JL5	JK5	JM5
Piston jet/o-ring	both	3414	2.6	2.6	2.6	2.6	2.6	2.6	2.6
Check flywheel trueness before assembly or after removal		3420	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Recondition cylinder heads – head removed (for non-related repairs)	one head	3425	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Recondition cylinder heads – head removed (for non-related repairs)	both heads	3426	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Replace piston rings	cylinders removed (for non-related repairs – deglaze only)	3428	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace pistons	cylinders removed (for non-related repairs) includes resizing cylinders	3430	1.4	1.4	1.4	1.4	1.4	1.4	1.4
BALANCER SYSTEM									
Replace balancer shaft/crankcase bearing		3450	7.8	7.8	7.8	7.8	7.8	7.8	7.8
Replace balancer bearing/support		3452	7.5	7.5	7.5	7.5	7.5	7.5	7.5
Replace balancer system chain		3454	7.4	7.4	7.4	7.4	7.4	7.4	7.4
Replace balancer crankshaft sprocket		3456	7.6	7.6	7.6	7.6	7.6	7.6	7.6
Replace balancer shaft sprocket/nut/spacer		3458	7.5	7.5	7.5	7.5	7.5	7.5	7.3
Replace balancer bracket assembly		3460	7.4	7.4	7.4	7.4	7.4	7.4	7.5
Replace balancer blade guide - front, rear, long		3462	7.0	7.0	7.0	7.0	7.0	7.0	7.0
Replace viton oil interconnect		3464	6.9	6.9	6.9	6.9	6.9	6.9	6.9
FUEL SYSTEM									
Replace air cleaner backing plate		3501	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace air cleaner cover		3502	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace induction module seal		3510	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Replace external fuel supply hose- EFI		3514	0.2	0.2	0.2	0.2	0.2	0.5	0.2

BV5 = FXST
JM5 = FLSTSB

BW5 = FLSTC
JG5 = FLSTF Shrine

BX5 = FLSTF
JH5 = FLSTC Shrine

JD5 = FLSTN
JE5 = FLST

JL5 = FXSTC
JN5 = FLSTFB

JK5 = FXCWC

Table 1-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS						
			BW5 JH5 JE5	JD5	BV5	BX5 JG5 JN5	JL5	JK5	JM5
EVAPORATIVE EMISSIONS SYSTEM									
Replace canister	California vehicles only	3527	0.2	0.2	0.2	0.2	0.2	0.5	0.2
Replace vapor valve		3528	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace any one hose		3529	0.1	0.1	0.1	0.1	0.1	0.1	0.1

BV5 = FXST
JM5 = FLSTSB

BW5 = FLSTC
JG5 = FLSTF Shrine

BX5 = FLSTF
JH5 = FLSTC Shrine

JD5 = FLSTN
JE5 = FLST

JL5 = FXSTC
JN5 = FLSTFB

JK5 = FXCWC

Table 1-4. Drive and Clutch

ITEM	DESCRIPTION	LABOR CODE	MODELS						
			BW5 JH5 JE5	JD5	BV5	BX5 JG5 JN5	JL5	JK5	JM5
DRIVE									
Replace primary chain		4002	0.9	0.9	0.7	0.9	0.7	0.7	0.9
Replace primary chain tensioner		4033	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Replace engine sprocket		4003	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Replace engine sprocket seal		4005	1.2	1.2	1.1	1.1	1.1	1.1	1.1
Replace primary cover		4007	0.4	0.4	0.3	0.4	0.3	0.3	0.4
Replace primary cover gasket		4009	0.4	0.4	0.3	0.4	0.3	0.3	0.4
Replace primary inspection cover and/or O-ring		4001	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace inner primary case, mainshaft bearing, or primary to crankcase gasket		4008	2.3	2.3	2.3	2.3	2.3	2.3	2.3
CLUTCH									
Adjust clutch		---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace release cable assembly		4006	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Service the clutch	includes disassembly, cleaning, inspection, repair, assembly, and adjustment	4011	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Replace clutch release bearing and/or push rod end		4016	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace clutch release mechanism (ball ramp) and/or cover		4018	0.6	0.6	0.6	0.6	0.6	0.6	0.5

BV5 = FXST
JM5 = FLSTSB

BW5 = FLSTC
JG5 = FLSTF Shrine

BX5 = FLSTF
JH5 = FLSTC Shrine

JD5 = FLSTN
JE5 = FLST

JL5 = FXSTC
JN5 = FLSTFB

JK5 = FXCWC

Table 1-5. Transmission

ITEM	DESCRIPTION	LABOR CODE	MODELS						
			BW5 JH5 JE5	JD5	BV5	BX5 JG5 JN5	JL5	JK5	JM5
TRANSMISSION CASE									
Replace transmission case		4304	5.7	6.1	5.7	6.1	5.7	6.1	5.1
Replace transmission complete		4305	4.3	4.7	4.3	4.7	4.3	4.7	3.7
Overhaul transmission	includes disassembly, cleaning, inspection, replacing parts (transmission case in frame)	4306	5.2	5.6	5.2	5.6	5.2	5.6	4.6
Replace transmission sprocket		4309	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Replace main drive gear oil seal	in transmission case	4311	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Replace mainshaft oil seal	in main drive gear	4316	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Replace side door gasket		4321	3.4	3.8	3.4	3.8	3.4	3.8	3.4
Replace shifter drum	includes removal and installation	4331	3.5	3.9	3.5	3.9	3.5	3.9	3.5
Replace shifter arm assembly or springs	includes adjusting gear engagement	4336	3.5	3.9	3.5	3.9	3.5	3.9	3.5
Replace transmission top cover and/or gasket	includes oil tank and starter removal	4341	2.6	3.0	2.6	3.0	2.6	3.0	2.6
Replace shifter forks and/or shaft	includes checking gear engagement	4343	3.5	3.9	3.5	3.9	3.5	3.9	3.5
Replace side door bearing	one	4348	3.7	4.1	3.7	4.1	3.7	4.1	3.7
Replace side door bearing	both	4351	3.8	4.2	3.8	4.2	3.8	4.2	3.8
Replace transmission case countershaft bearing		4361	3.5	3.9	3.5	3.9	3.5	3.9	3.9
Replace main drive gear and/or bearing		4366	5.6	6.0	5.6	6.0	5.6	6.0	5.0
Replace side cover gasket		4368	1.1	1.5	1.1	1.5	1.1	1.5	1.1
Replace shift pedal and/or lever	one or both	4372	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace transmission shifter shaft seal		4390	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Replace vehicle speed sensor o-ring		4380	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Ream shifter lever bearing sleeve (after installation)		4393	0.2	0.2	0.2	0.2	0.2	0.2	0.2

BV5 = FXST
JM5 = FLSTSB

BW5 = FLSTC
JG5 = FLSTF Shrine

BX5 = FLSTF
JH5 = FLSTC Shrine

JD5 = FLSTN
JE5 = FLST

JL5 = FXSTC
JN5 = FLSTFB

JK5 = FXCWC

Table 1-6. OEM Accessories

ITEM	DESCRIPTION	LABOR CODE	MODELS						
			BW5 JH5 JE5	JD5	BV5	BX5 JG5 JN5	JL5	JK5	JM5
ACCESSORIES									
Replace tank trim		6507	---	---	---	---	---	---	0.1
Replace sissy bar (Except FLST)		6511	0.8	0.8	---	---	---	---	---
Replace mirror		6513	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace backrest (Except FLST)		6515	0.2	0.2	---	---	---	---	---
Replace windshield (Except FLST)	window only	6204	0.3	---	---	---	---	---	---
Replace windshield (Except FLST)		6517	0.3	0.3	---	---	---	---	---
Replace one saddlebag (Except FLST)		6518	0.1	0.1	---	---	---	---	---
Replace one saddlebag bracket (Except FLST)		6519	0.2	0.2	---	---	---	---	---
Replace one saddlebage insulator (Except FLST)		6538	0.1	0.1	---	---	---	---	---
Replace luggage Rack		6453	---	0.1	---	---	---	---	---
Replace fender tip	front	6302	0.1	0.1	---	---	---	---	---
Replace fender tip	rear	6304	0.1	0.1	---	---	---	---	---

BV5 = FXST
JM5 = FLSTSB

BW5 = FLSTC
JG5 = FLSTF Shrine

BX5 = FLSTF
JH5 = FLSTC Shrine

JD5 = FLSTN
JE5 = FLST

JL5 = FXSTC
JN5 = FLSTFB

JK5 = FXCWC

Table 1-7. Electrical - General

ITEM	DESCRIPTION	LABOR CODE	MODELS						
			BW5 JH5 JE5	JD5	BV5	BX5 JG5 JN5	JL5	JK5	JM5
INSTRUMENTS									
Replace speedometer	Cosmetic issue	6003	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace console		6012	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace trip switch boot		6043	0.1	0.1	0.1	0.1	0.1	0.1	0.1
WIRING									
Replace connector housing		5022	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace connector anchor		5023	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace main wiring harness		5026	2.1	2.1	2.0	2.0	2.0	2.0	2.1
Replace rear fender wiring harness		5036	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Replace electrical box		5047	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace fuse		5145	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace fuse block		5196	0.4	0.4	0.3	0.3	0.3	0.3	0.4
SWITCHES									
Replace ignition switch		5129	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace passing lamp switch		5167	0.1	0.1	---	---	---	---	---
Replace right upper handlebar switch		5173	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Replace left upper handlebar switch housing		5177	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace left lower handlebar switch housing		5178	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace right upper handlebar switch housing		5179	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace right lower handlebar switch housing		5180	0.4	0.4	0.4	0.4	0.4	0.4	0.4
LIGHTS									
Replace headlight bracket	Includes adjustment	5181	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace headlight housing	Includes adjustment	5189	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Replace rear turn signal bar		5207	0.3	0.7	---	---	---	---	---
Replace fender tip lamp assembly	Front	5225	0.7	---	---	---	---	---	---

BV5 = FXST
JM5 = FLSTSB

BW5 = FLSTC
JG5 = FLSTF Shrine

BX5 = FLSTF
JH5 = FLSTC Shrine

JD5 = FLSTN
JE5 = FLST

JL5 = FXSTC
JN5 = FLSTFB

JK5 = FXCWC

Table 1-7. Electrical - General

ITEM	DESCRIPTION	LABOR CODE	MODELS						
			BW5 JH5 JE5	JD5	BV5	BX5 JG5 JN5	JL5	JK5	JM5
Replace fender tip lamp assembly	Rear	5229	0.1	---	---	---	---	---	---
Replace fender tip lamp bulb	Includes diagnosis	5228	0.1	---	---	---	---	---	---
Replace passing lamp assembly		5230	0.4	0.4	---	---	---	---	---
Replace passing lamp bracket		5232	0.6	0.6	---	---	---	---	---
Replace license plate bracket		5237	---	---	---	---	---	0.1	---
Replace turn signal (cosmetic issue)	Front	5201	1.0	0.7	0.5	0.5	0.5	0.5	1.0
Replace turn signal (cosmetic issue)	Rear	5205	0.3	0.7	0.3	0.3	0.3	0.3	0.3
BATTERY									
Replace the battery		5705	0.3	0.3	0.3	0.3	0.3	0.3	0.3

BV5 = FXST
JM5 = FLSTSB

BW5 = FLSTC
JG5 = FLSTF Shrine

BX5 = FLSTF
JH5 = FLSTC Shrine

JD5 = FLSTN
JE5 = FLST

JL5 = FXSTC
JN5 = FLSTFB

JK5 = FXCWC

Table 1-8. Softail Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS						
			BW5 JH5 JE5	JD5	BV5	BX5 JG5 JN5	JL5	JK5	JM5
NOTE: Unless otherwise noted, all codes include diagnostic time and replacement time if required. The codes must be used in conjunction with the diagnostic/repair procedures listed in the current Softail Service Manual and Softail Electrical Diagnostic Manual.									
DIAGNOSTICS GENERAL									
Repair any single wire	Light circuit	5039	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Repair any single wire	Accessory circuit	5043	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Repair any single wire	All wires except lighting and accessory circuits	5041	0.5	0.5	0.5	0.5	0.5	0.7	0.5
Replace position lamp	Position lamp inoperative	5143	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace headlight	Headlamp inoperative	5185	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace indicator lamp assembly	High beam indicator inoperative, neutral lamp inoperative, oil pressure lamp inoperative, turn signal indicator inoperative	5191	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace tail lamp bulb or lens	Running lamps inoperative	5197	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace tail lamp assembly or circuit board	Headlamp inoperative, stop lamp inoperative	5215	0.2	0.6	0.2	0.2	0.2	0.2	0.2
Replace auxiliary lamp bulb	Auxiliary lamp inoperative	5227	0.2	0.2	---	---	---	---	---
Replace horn and/or bracket	Horn inoperative	5765	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Repair engine compression; use in conjunction with additional code(s)	Engine cranks but will not start	7210	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Code not present	B1006, B1007, B0563, P0562, P0563, P0603	7770	0.2	0.2	0.2	0.2	0.2	0.2	0.2
SWITCHES									
Replace rear stoplight switch, includes filling and bleeding brakes	Stop lamp inoperative	5141	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace neutral switch	Nothing clicks, neutral lamp always on, neutral lamp inoperative, B1155	5157	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Replace oil pressure switch	Oil pressure lamp always on, oil pressure lamp inoperative	5161	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace clutch switch	Nothing clicks, B1154	5168	0.8	0.8	0.8	0.8	0.8	1.0	0.8

BV5 = FXST
JM5 = FLSTSB

BW5 = FLSTC
JG5 = FLSTF Shrine

BX5 = FLSTF
JH5 = FLSTC Shrine

JD5 = FLSTN
JE5 = FLST

JL5 = FXSTC
JN5 = FLSTFB

JK5 = FXCWC

Table 1-8. Softail Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS						
			BW5 JH5 JE5	JD5	BV5	BX5 JG5 JN5	JL5	JK5	JM5
Replace left upper handlebar switch	Horn always on, horn inoperative, headlamp inoperative	5171	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Replace front brake light switch	Stop lamp inoperative	5176	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Replace start button	Starter inoperative	5818	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Replace trip switch	B1008	6001	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace trip switch boot	B1008	6002	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace turn signal switch	Both lamps on one side inoperative	6811	1.1	1.1	1.1	1.1	1.1	1.3	1.1
Replace engine stop switch	Serial data missing	6730	0.9	0.9	0.9	0.9	0.9	1.2	0.9
Replace engine stop switch	No check engine lamp	7295	0.7	0.7	0.7	0.7	0.7	1.0	0.7
Replace ignition switch	Starter testing, serial data missing, no check engine lamp, stop lamp inoperative, IM inoperative	7287	0.4	0.4	0.4	0.4	0.4	0.4	0.4
FUSES AND RELAYS									
Replace battery fuse	U1064	6713	0.5	0.5	0.5	0.5	0.5	0.7	0.5
Inspect/access main wire harness and electrical panel/wiggle test/replace ignition fuse	Serial data missing	6729	0.4	0.4	0.4	0.4	0.4	0.7	0.4
Replace main fuse	Serial data missing	6733	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Access instruments/wiggle test/replace instrument fuse	U1097, U1255	6766	0.3	0.3	0.3	0.3	0.3	0.5	0.3
Replace starter relay	Starter inoperative	5832	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace starter relay	B1134	6841	0.2	0.2	0.2	0.2	0.2	0.4	0.2
Inspect/access electrical panel/main wiring harness/replace battery fuse	No check engine lamp, U1255	7159	0.5	0.5	0.5	0.5	0.5	0.7	0.5
Replace 15 amp fuse	Engine cranks but will not start, starts hard	7181	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace system relay	Serial data missing, P1001, P1003	7904	0.3	0.3	0.3	0.3	0.3	0.6	0.3
Replace system relay	P1002	7909	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace system relay	P1004	7911	0.2	0.2	0.2	0.2	0.2	0.5	0.2

BV5 = FXST
JM5 = FLSTSB

BW5 = FLSTC
JG5 = FLSTF Shrine

BX5 = FLSTF
JH5 = FLSTC Shrine

JD5 = FLSTN
JE5 = FLST

JL5 = FXSTC
JN5 = FLSTFB

JK5 = FXCWC

Table 1-8. Softail Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS						
			BW5 JH5 JE5	JD5	BV5	BX5 JG5 JN5	JL5	JK5	JM5
Harness inspection/wiggle test/electrical panel removal/replace system relay	P1004	7918	0.4	0.4	0.4	0.4	0.4	0.7	0.4
Harness inspection/wiggle test/electrical panel removal/replace ECM fuse	P1003, P1351, P1354	7937	0.5	0.5	0.5	0.5	0.5	0.8	0.5
CHARGING CIRCUIT									
Milliamp draw	Low battery after extended ignition off	5308	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace stator	Low or no charging	5309	2.6	2.6	2.6	2.6	2.6	2.6	2.6
Total current draw	Diagnose charging system	5310	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace voltage regulator	No or low charging, overcharging	5316	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Replace voltage regulator	Serial data missing	6724	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace rotor	No or low charging	5319	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Replace battery	engine cranks but will not start	7185	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Repair charging system/accompanies other codes	B0563, B1006, B1007, P0562, P0563	7771	0.2	0.2	0.2	0.2	0.2	0.2	0.2
STARTER CIRCUIT									
Replace starter motor	Solenoid clicks	5817	1.6	1.6	1.5	1.5	1.5	1.5	1.6
Replace starter motor	Starter spins but does not engage	5825	1.2	1.2	1.1	1.1	1.1	1.1	1.6
Replace starter clutch	Starter spins but does not engage	5837	1.4	1.4	1.3	1.3	1.3	1.3	1.8
Replace starter solenoid	Starter testing, starter relay clicks	5845	1.4	1.4	1.3	1.3	1.3	1.3	1.4
Repair starting system, use in conjunction with additional code(s)	Engine cranks but will not start	7166	0.2	0.2	0.2	0.2	0.2	0.2	0.2
IGNITION CIRCUIT									
Replace spark plugs	Hesitates - poor driveability, misfire at idle or under load, rough or rolling idle, engine cranks but will not start, starts - then stalls, starts hard	7134	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace spark plug	P1353, P1356, P1357, P1358	7548	0.2	0.2	0.2	0.2	0.2	0.2	0.2

BV5 = FXST
JM5 = FLSTSB

BW5 = FLSTC
JG5 = FLSTF Shrine

BX5 = FLSTF
JH5 = FLSTC Shrine

JD5 = FLSTN
JE5 = FLST

JL5 = FXSTC
JN5 = FLSTFB

JK5 = FXCWC

Table 1-8. Softail Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS						
			BW5 JH5 JE5	JD5	BV5	BX5 JG5 JN5	JL5	JK5	JM5
Replace spark plug Wire	Hesitates - poor driveability, misfire at idle or under load, rough or rolling idle, engine cranks but will not start, starts - then stalls, starts hard	7138	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace spark plug Wire	P1353, P1356, P1357, P1358	7549	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace ignition coil	Engine cranks but will not start, starts hard	7226	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace ignition coil	P1353, P1356, P1357, P1358	7547	0.5	0.5	0.5	0.5	0.5	0.8	0.8
Replace ignition coil	Hesitates - poor driveability, misfire at idle or under load, rough or rolling idle, P1351, P1352, P1354, P1355,	7856	0.5	0.5	0.5	0.5	0.5	0.8	0.8
AIR INTAKE									
Repair intake leak	P0131, P0151	7486	1.0	1.0	1.0	1.0	1.0	1.3	1.0
FUEL SYSTEM									
Replace fuel level sender	B1004, B1005	6035	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Replace fuel gauge	U1255	6775	0.4	0.4	0.4	0.4	0.4	0.6	0.4
Replace fuel filter or clean fuel pump screen	Starts - then stalls, P1353, P1356, P1357, P1358	7013	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Repair/replace fuel pump/pressure regulator/fuel line/fuel filter	Starts - then stalls, P1353, P1356, P1357, P1358	7014	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Replace fuel filter screen	Hesitates - poor driveability, misfire at idle or under load, rough or rolling idle, engine cranks but will not start, starts hard, P0131, P0151,	7163	1.0	1.0	1.0	1.0	1.0	1.3	1.0
Repair/replace fuel pump/pressure regulator/fuel line/fuel filter	Hesitates - poor driveability, misfire at idle or under load, rough or rolling idle, engine cranks but will not start, starts hard, P0131, P0132, P0151, P0152	7164	1.0	1.0	1.0	1.0	1.0	1.3	1.0
Replace fuel injector	Hesitates - poor driveability, misfire at idle or under load, rough or rolling idle, P0131, P0132, P0151, P0152	7144	0.9	0.9	0.9	0.9	0.9	1.2	0.9
Replace fuel injector	Emits black smoke	7596	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Replace fuel injector	P0261, P0262, P0263, P0264	7795	0.7	0.7	0.7	0.7	0.7	1.0	0.7

BV5 = FXST
JM5 = FLSTSB

BW5 = FLSTC
JG5 = FLSTF Shrine

BX5 = FLSTF
JH5 = FLSTC Shrine

JD5 = FLSTN
JE5 = FLST

JL5 = FXSTC
JN5 = FLSTFB

JK5 = FXCWC

Table 1-8. Softail Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS						
			BW5 JH5 JE5	JD5	BV5	BX5 JG5 JN5	JL5	JK5	JM5
Replace fuel injector	Engine cranks but will not start, starts hard	7992	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Replace fuel pump	Engine cranks but will not start, starts hard	7415	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Replace fuel pump	P1003	7924	1.2	1.2	1.2	1.2	1.2	1.5	1.2
Replace fuel pressure regulator	Emits black smoke	7480	0.7	0.7	0.7	0.7	0.7	0.7	0.7
SENSORS AND ECM									
Replace Jiffy Stand Sensor	P1501, P1502	5085	0.4	0.4	0.4	0.4	0.4	0.7	0.4
IAC system OK, may use with other codes	P0505	7028	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Replace idle air control (IAC)	P0505	7490	0.5	0.5	0.5	0.5	0.5	0.8	0.5
Replace throttle position sensor	Engine cranks but will not start, starts hard, P0122, P0123,	7595	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Replace engine temperature (ET) sensor	Emits black smoke	7598	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Replace engine temperature (ET) sensor	P0117, P0118	7710	0.4	0.4	0.4	0.4	0.4	0.7	0.4
Replace vehicle speed sensor (VSS)	P0502	7639	0.4	0.4	0.4	0.4	0.4	0.7	0.4
Replace oxygen sensor	P0131, P0132, P0134, P0151, P0152, P0154	7667	0.6	0.6	0.6	0.6	0.6	0.9	0.6
Replace intake air temperature (IAT) sensor	P0112, P0113	7725	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Replace crankshaft position (CKP) sensor	P0373, P0374	7981	0.4	0.4	0.4	0.4	0.4	0.7	0.4
Clean or repair crankshaft position (CKP) sensor	P0373, P0374	7982	0.3	0.3	0.3	0.3	0.3	0.6	0.3
Replace MAP sensor	Hesitates - poor driveability, misfire at idle or under load, rough or rolling idle	7152	0.7	0.7	0.7	0.7	0.7	1.0	0.7
Replace MAP sensor	Emits black smoke	7597	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Replace MAP sensor	P0107	7630	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace MAP sensor	P0107, P0108, P0122	7650	0.6	0.6	0.6	0.6	0.6	0.9	0.6
Clean or repair vehicle speed sensor (VSS)	P0501	7939	0.4	0.4	0.4	0.4	0.4	0.7	0.4
Replace vehicle speed sensor (VSS)	P0122, P0501, P0502	7967	0.6	0.6	0.6	0.6	0.6	0.9	0.6
Replace ECM	Hesitates - poor driveability, misfire at idle or under load, rough or rolling idle, P1009	6703	1.0	1.0	1.0	1.0	1.0	1.3	1.0

BV5 = FXST
JM5 = FLSTSB

BW5 = FLSTC
JG5 = FLSTF Shrine

BX5 = FLSTF
JH5 = FLSTC Shrine

JD5 = FLSTN
JE5 = FLST

JL5 = FXSTC
JN5 = FLSTFB

JK5 = FXCWC

Table 1-8. Softail Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS						
			BW5 JH5 JE5	JD5	BV5	BX5 JG5 JN5	JL5	JK5	JM5
Replace ECM	P0122, P0501, P0502, P0505, U1064	7565	0.6	0.6	0.6	0.6	0.6	0.9	0.6
Replace ECM	Emits black smoke	7601	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Replace ECM	P0107, P0108, P0661, P0662, P1010	7641	0.9	0.9	0.9	0.9	0.9	1.2	0.9
Replace ECM	P0117, P1001, P1002	7680	0.4	0.4	0.4	0.4	0.4	0.7	0.4
Replace ECM	Engine cranks but will not start, starts - then stalls, starts hard, serial data missing, P0118, P0131, P0132, P0134, P0151, P0152, P0154, P0262, P0264, U1300, U1301	7685	0.8	0.8	0.8	0.8	0.8	1.1	0.8
Replace ECM	No check engine lamp, P0112, P0123, P0373, P0374, P0605, P1351, P1352, P1354, P1355	7735	0.5	0.5	0.5	0.5	0.5	0.8	0.5
Replace ECM	Serial data missing, no check engine lamp, P0113, P0261, P0263, P0603, P1353, P1356, P1357, P1358, P1475, P1477, P1478, P1501, P1502	7740	0.7	0.7	0.7	0.7	0.7	1.0	0.7
HDI ACTIVE EXHAUST									
Replace active intake solenoid	P0661, P0662, P1475	7064	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Replace exhaust actuator	P1475, P1477, P1478	7811	0.8	1.0	0.8	0.8	1.0	1.1	1.0
Replace exhaust actuator valve	P1475	7812	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Replace exhaust actuator cable	P1475	7814	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Replace engine control fuse	P1475	7826	0.3	0.3	0.3	0.3	0.3	0.6	0.3
TURN SIGNALS/INSTRUMENTS/SECURITY									
Perform ECM/TSM/TSSM/HFSM module replacement procedure	P1009	6701	0.5	0.5	0.5	0.5	0.5	0.8	0.5
Replaced TSM/TSSM/HFSM , system now ok	P1009	6702	0.5	0.5	0.5	0.5	0.5	0.7	0.5
Replaced TSM/TSSM/HFSM , system now ok	P1010	6707	0.6	0.6	0.6	0.6	0.6	0.9	0.6
Replace FOB battery	Fails to disarm	6755	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace FOB	Fails to disarm	6756	0.1	0.1	0.1	0.1	0.1	0.1	0.1

BV5 = FXST
JM5 = FLSTSB

BW5 = FLSTC
JG5 = FLSTF Shrine

BX5 = FLSTF
JH5 = FLSTC Shrine

JD5 = FLSTN
JE5 = FLST

JL5 = FXSTC
JN5 = FLSTFB

JK5 = FXCWC

Table 1-8. Softail Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS						
			BW5 JH5 JE5	JD5	BV5	BX5 JG5 JN5	JL5	JK5	JM5
Replace Bulb	Both lamps on one side inoperative, flash at double normal rate, B1121, B1122	6796	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Remove corrosion	Flash at double normal rate	6821	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Remove corrosion/replace bulb	Flash at double normal rate	6822	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Replace lamp assembly/bulb connections	Flash at double normal rate, one lamp inoperative, B1121, B1122	6823	0.5	0.5	0.5	0.5	0.5	0.7	0.5
Replace speedometer	No security lamp during bulb check, security lamp on continuously after bulb check, no check engine lamp, B1008	6020	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace speedometer	Serial data missing, no check engine lamp, U1016, U1064,	6072	0.5	0.5	0.5	0.5	0.5	0.8	0.5
Replace speedometer	U1097, U1255, U1300, U1301,	6765	0.6	0.6	0.6	0.6	0.6	0.9	0.6
Replace TSM/TSSM/HFSM	Nothing clicks	5838	0.6	0.6	0.6	0.6	0.6	0.8	0.6
Replace TSM/TSSM/HFSM	B1143, B1144, B1145, B1154, B1155	5863	0.5	0.5	0.5	0.5	0.5	0.7	0.5
Replace TSM/TSSM/HFSM	U1016, U1064, U1255	6717	0.7	0.7	0.7	0.7	0.7	1.0	0.7
Replace TSM/TSSM/HFSM	Fails to disarm	6757	0.6	0.6	0.6	0.6	0.6	0.8	0.6
Replace TSM/TSSM/HFSM	Will not cancel upon turn completion	6773	1.1	1.1	1.1	1.1	1.1	1.3	1.1
Replace TSM/TSSM/HFSM	Starter inoperative, flash at double normal rate, B1121- B1126, B1134, B1141	6791	0.7	0.7	0.7	0.7	0.7	0.9	0.7
Replace TSM/TSSM/HFSM	Flash at double normal rate	6824	0.9	0.9	0.9	0.9	0.9	1.1	0.9
Replace TSM/TSSM/HFSM	Neutral lamp always on, B1135, B1136, B1142	6845	0.3	0.3	0.3	0.3	0.3	0.5	0.3
Replace TSM/TSSM/HFSM	No check engine lamp	7306	0.6	0.6	0.6	0.6	0.6	1.0	0.6
Replace TSM/TSSM/HFSM	Serial data missing, U1300, U1301	7998	0.9	0.9	0.9	0.9	0.9	1.2	0.9
Replace siren	B1131, B1132	6832	0.3	0.3	0.3	0.3	0.3	0.5	0.3
Replace siren	No check engine lamp	7161	0.3	0.3	0.3	0.3	0.3	0.4	0.3
Replace security antenna	Fails to disarm, B1143-B1145	6878	0.2	0.2	0.2	0.2	0.2	0.4	0.2
Replace security antenna harness	B1145	6881	0.4	0.4	0.4	0.4	0.4	0.6	0.4

SUBJECT	PAGE NO.
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Unless otherwise specified, Job Times shown include all operations necessary to complete the listed job.

GM4 = FXD

GN4 = FXDL

GV4 = FXDC

GX4 = FXDB

GY4 = FXDF

GP4 = FXDWG

Table 2-1. Service

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			GM4	GV4	GX4	GN4	GY4	GP4
NEW								
Set-up and predelivery		---	2.1	2.1	2.1	2.1	2.1	2.1
1,000 mile (1,600 km) service		---	2.0	2.0	2.0	2.0	2.0	2.0
REGULAR								
5,000 mile (8,000 km) maintenance		---	2.1	2.1	2.1	2.1	2.1	2.1
10,000 mile (16,000 km) maintenance		---	3.1	3.1	3.1	3.1	3.1	3.1
15,000 mile (24,000 km) maintenance		---	2.1	2.1	2.1	2.1	2.1	2.1
20,000 mile (32,000 km) maintenance		---	2.2	2.2	2.2	2.2	2.2	2.2
25,000 mile (40,000 km) maintenance		---	2.1	2.1	2.1	2.1	2.1	2.1
30,000 mile (48,000 km) maintenance		---	2.7	2.7	2.7	2.7	2.7	2.7
Addition to any maintenance- required every 2 years	flush/fill D.O.T 4 brake fluid- front and rear	---	0.4	0.4	0.4	0.4	0.4	0.4
Addition to 1,000, 5,000 and 20,000 mile (1,600, 8,000, and 32,000 km) maintenance and every 15,000 mile (24,000 km) interval there after	Tighten spoke wheels if equipped, time per wheel	---	0.5	0.5	0.5	0.5	0.5	0.5

Table 2-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			GM4	GV4	GX4	GN4	GY4	GP4
PAINT REPAIR								
NOTE: use these codes when repairing any painted part on vehicle with the Kent Moore finesse kit or other paint repair methods								
Light scuff/scratch - buff		1102	0.2	0.2	0.2	0.2	0.2	0.2
Light sanding/buff/blend		1104	0.4	0.4	0.4	0.4	0.4	0.4
Buff entire part		1106	0.6	0.6	0.6	0.6	0.6	0.6
Repair build up in clear/paint		1108	0.8	0.8	0.8	0.8	0.8	0.8
Color blend/paint/buff		1110	1.0	1.0	1.0	1.0	1.0	1.0
DRIVE								
Adjust secondary belt		---	0.2	0.2	0.2	0.2	0.2	0.2
Replace secondary belt		2011	2.1	2.1	2.1	2.1	2.1	2.1
Replace rear wheel sprocket		2021	0.8	0.8	0.8	0.8	0.8	0.8
WHEELS								
Replace tire – includes balancing	front	2106	0.6	0.6	0.6	0.6	0.6	0.6
Replace tire – includes balancing	rear	2111	0.7	0.7	0.7	0.7	0.7	0.7
Replace wheel assembly - includes disc and sprocket exchange and balancing	front	2113	0.8	0.8	0.8	0.8	0.8	0.8
Replace wheel assembly - includes disc and sprocket exchange and balancing	rear	2114	0.9	0.9	0.9	0.9	0.9	0.9
Replace rim, hub or spokes-includes truing wheel	front	2116	2.3	2.3	2.3	2.3	2.2	2.2
Replace rim, hub or spokes-includes truing wheel	rear	2121	2.3	2.3	2.3	2.3	2.3	2.3
Replace wheel bearings	front	2136	0.5	0.5	0.5	0.5	0.5	0.5
Replace wheel bearings	rear	2141	0.6	0.6	0.6	0.6	0.6	0.6
Check or true spoked wheel	each wheel	2155	0.5	0.5	0.5	0.5	0.5	0.5
HANDLEBARS								
Replace handlebars		2206	0.5	0.5	1.2	0.5	1.2	1.2
Replace clutch hand lever		2221	0.2	0.2	0.2	0.2	0.2	0.2

GM4 = FXD

GN4 = FXDL

GV4 = FXDC

GX4 = FXDB

GY4 = FXDF

GP4 = FXDWG

Table 2-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			GM4	GV4	GX4	GN4	GY4	GP4
Replace clutch hand lever bracket		2226	0.2	0.2	0.2	0.2	0.2	0.2
Replace throttle control		2231	0.4	0.4	0.4	0.4	0.4	0.4
Replace and adjust throttle control cables	one or both	2241	0.6	0.6	0.6	0.6	0.6	0.6
Replace both rubber handlebar mounts		2246	0.5	0.5	---	0.5	0.5	0.5
Replace rubber handlebar grip		2251	0.2	0.2	0.2	0.2	0.2	0.2
Replace handlebar riser	one or both	2253	0.4	0.4	---	0.4	0.4	0.4
Replace handlebar clamp	one or both	2254	0.1	0.1	0.1	0.1	0.1	0.1
FRAME/SWING ARM/FRONT FORK								
Replace frame	includes removal and installation of all accessories and motorcycle components	2306	10.0	10.0	10.0	10.0	10.0	10.0
Replace foot pegs	each	2307	0.1	0.1	0.1	0.1	0.1	0.1
Replace foot peg mount (to frame/swingarm)		2308	0.2	0.2	0.2	0.2	0.2	0.2
Replace front fork assembly		2311	2.1	2.1	2.1	2.1	2.1	2.1
Replace lower fork bracket and stem		2316	2.1	2.1	2.1	2.1	2.1	2.1
Replace steering head cups and bearings, including bearing adjustment		2321	2.1	2.1	2.1	2.1	2.1	2.1
Replace upper fork bracket		2326	0.7	0.7	0.7	0.7	0.7	0.7
Replace fork lock		2330	0.3	0.3	0.3	0.3	0.3	0.3
Adjust steering head bearings	at PDI Only	2290	0.3	0.3	0.3	0.3	0.3	0.3
Change front fork oil	both sides	---	0.8	0.8	0.8	0.8	0.8	0.8
Service or replace fork slider and/or seal – includes removal, disassembly, cleaning, inspection, replacing bushings, assembly and installation	one side	2341	0.9	0.9	0.9	0.9	0.9	0.9
Service or replace fork slider and/or seal – includes removal, disassembly, cleaning, inspection, replacing bushings, assembly and installation	both sides	2342	1.5	1.5	1.5	1.5	1.5	1.5
Replace fork side	one side	2346	0.6	0.6	0.6	0.6	0.6	0.6

Table 2-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			GM4	GV4	GX4	GN4	GY4	GP4
Replace fork side	both sides	2351	0.8	0.8	0.8	0.8	0.8	0.8
Replace fork tube – includes removal, disassembly, cleaning, inspection, replacing parts, servicing damper tube, assembly and installation	one side	2356	0.9	0.9	0.9	0.9	0.9	0.9
Replace fork tube – includes removal, disassembly, cleaning, inspection, replacing parts, servicing damper tube, assembly and installation	both sides	2361	1.5	1.5	1.5	1.5	1.5	1.5
Replace rear swing arm and/or bushings		2366	2.0	2.0	2.0	2.0	2.0	2.0
Replace rear fork pivot shaft		2368	0.5	0.5	0.5	0.5	0.5	0.5
Replace rear shock absorber assembly	one side	2371	0.2	0.2	0.2	0.2	0.2	0.2
Replace rear shock absorber assembly	both sides	2376	0.4	0.4	0.4	0.4	0.4	0.4
Replace rear shock absorber component(s)	one side	2381	0.3	0.3	0.3	0.3	0.3	0.3
Replace rear shock absorber component(s)	both sides	2386	0.6	0.6	0.6	0.6	0.6	0.6
Replace jiffy stand	spring and/or stand	2396	0.3	0.3	0.3	0.3	0.3	0.3
Replace jiffy stand	rubber bumper	2399	0.1	0.1	0.1	0.1	0.1	0.1
Replace motor rubber mount	rear	2395	0.5	0.5	0.5	0.5	0.5	0.5
Replace motor rubber mount	front	2398	0.2	0.2	0.2	0.2	0.2	0.2
BRAKES								
Replace hydraulic brake line – includes filling/bleeding brakes	front	2406	0.3	0.3	0.3	0.3	0.3	0.3
Replace hydraulic brake line – includes filling/bleeding brakes	rear	2411	0.3	0.3	0.3	0.3	0.3	0.3
Replace rear master cylinder		2414	0.5	0.5	0.5	0.5	0.5	0.5
Replace brake pads	front – each caliper	2416	0.1	0.1	0.1	0.1	0.1	0.1
Replace brake pads	rear	2421	0.1	0.1	0.1	0.1	0.1	0.1
Replace brake caliper – includes filling/bleeding brakes	front	2426	0.4	0.4	0.4	0.4	0.4	0.4

GM4 = FXD

GN4 = FXDL

GV4 = FXDC

GX4 = FXDB

GY4 = FXDF

GP4 = FXDWG

Table 2-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			GM4	GV4	GX4	GN4	GY4	GP4
Replace brake caliper – includes filling/bleeding brakes	rear	2431	0.4	0.4	0.4	0.4	0.4	0.4
Replace brake disc	front – each side	2436	0.3	0.3	0.3	0.3	0.3	0.3
Replace brake disc	rear	2441	0.8	0.8	0.8	0.8	0.8	0.8
Bleed brake caliper	one or two front calipers or rear caliper	2446	0.2	0.2	0.2	0.2	0.2	0.2
Overhaul brake caliper – includes filling/bleeding brakes	front – each caliper	2451	0.6	0.6	0.6	0.6	0.6	0.6
Overhaul brake caliper – includes filling/bleeding brakes	rear	2456	0.8	0.8	0.8	0.8	0.8	0.8
Replace master cylinder assembly – includes filling/bleeding brakes	front	2461	0.4	0.4	0.4	0.4	0.4	0.4
Replace master cylinder assembly – includes filling/bleeding brakes	rear	2466	0.5	0.5	0.5	0.5	0.5	0.5
Rebuild master cylinder assembly – includes filling/bleeding brakes	front	2471	0.6	0.6	0.6	0.6	0.6	0.6
Rebuild master cylinder assembly – includes filling/bleeding brakes	rear	2476	0.7	0.7	0.7	0.7	0.7	0.7
replace master cylinder cover (front or rear)		2479	0.1	0.1	0.1	0.1	0.1	0.1
Replace rear brake pedal		2492	0.3	0.3	0.3	0.3	0.3	0.3
Replace front brake lever		2494	0.1	0.1	0.1	0.1	0.1	0.1
SEATS/FENDERS/TANKS								
Replace seat		2506	0.1	0.1	0.1	0.1	0.1	0.1
Replace fender	front	2526	0.3	0.3	0.3	0.3	0.3	0.3
Replace fender	rear (includes replacing wire conduit)	2531	1.1	1.1	1.1	1.1	1.1	1.1
Replace wire conduit		2533	0.2	0.2	0.2	0.2	0.2	0.2
Replace rear fender chrome support cover	one only	2536	0.3	0.3	---	0.3	0.3	0.3
Replace fuel tank assembly		2541	0.9	0.9	0.9	0.9	0.9	0.9

Table 2-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			GM4	GV4	GX4	GN4	GY4	GP4
Replace fuel tank valve		2561	0.7	0.7	0.7	0.7	0.7	0.7
Replace fuel tank gauge		2563	0.3	0.2	0.3	0.2	0.2	0.2
Replace fuel tank console/fuel filler trim ring		2557	0.2	0.2	0.2	0.2	0.2	0.2
Replace fuel tank top plate/gasket		2549	0.6	0.6	0.6	0.6	0.6	0.6
Replace fuel tank gauge sending unit		2564	0.6	0.6	0.6	0.6	0.6	0.6
Replace any hose		2576	0.3	0.3	0.3	0.3	0.3	0.3
Replace oil filter		2582	0.1	0.1	0.1	0.1	0.1	0.1
Replace license plate holder		2590	0.2	0.2	0.2	0.2	0.2	0.5
Replace dipstick		3480	0.1	0.1	0.1	0.1	0.1	0.1
BELT GUARDS								
Replace debris deflector		2616	0.2	0.2	0.2	0.2	0.2	0.2
Replace belt guard		2620	0.2	0.2	0.2	0.2	0.2	0.2
EXHAUST SYSTEM								
Replace complete exhaust system and/or gaskets		2626	0.6	0.6	0.6	0.6	0.6	0.6
Replace exhaust pipe	front	2631	0.3	0.3	0.3	0.3	---	---
Replace exhaust pipe	rear	2636	0.3	0.3	0.3	0.3	---	---
Replace exhaust actuator cable	HDI only	2637	0.2	0.2	0.2	0.2	0.3	0.3
Replace any muffler		2646	0.2	0.2	0.2	0.2	0.2	0.2
Replace any exhaust shield		2661	0.1	0.1	0.1	0.1	0.1	0.1
Replace muffler support		2666	0.2	0.2	0.2	0.2	0.2	0.2

GM4 = FXD

GN4 = FXDL

GV4 = FXDC

GX4 = FXDB

GY4 = FXDF

GP4 = FXDWG

Table 2-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			GM4	GV4	GX4	GN4	GY4	GP4
GENERAL								
Remove and install engine- includes remove, replace, install oil passage gasket	California vehicles only	3006	4.1	4.1	4.1	4.1	4.1	4.1
Remove and install engine- includes remove, replace, install oil passage gasket		3006	4.0	4.0	4.0	4.0	4.0	4.0
Replace and adjust stabilizer	top	3005	0.7	0.7	0.7	0.7	0.7	0.7
CYLINDER HEAD								
Recondition cylinder head – includes removal of head and gasket, remove carbon, service valve guides, grind valves and seats, test springs and install head and gaskets.	front head	3101	3.5	3.5	3.5	3.5	3.5	3.5
Recondition cylinder head – includes removal of head and gasket, remove carbon, service valve guides, grind valves and seats, test springs and install head and gaskets.	rear head	3103	3.5	3.5	3.5	3.5	3.5	3.5
Recondition cylinder head – includes removal of head and gasket, remove carbon, service valve guides, grind valves and seats, test springs and install head and gaskets.	both heads	3104	4.1	4.1	4.1	4.1	4.1	4.1
Replace cylinder head	one head	3106	2.5	2.5	2.5	2.5	2.5	2.5
Replace cylinder head	both heads	3108	3.4	3.4	3.4	3.4	3.4	3.4
Replace valve seal or spring after cylinder head removal	one seal or spring (intake or exhaust)	3131	0.1	0.1	0.1	0.1	0.1	0.1
Replace valve seal or spring after cylinder head removal	both seals or springs (intake or exhaust)	3132	0.2	0.2	0.2	0.2	0.2	0.2
Replace cylinder head gasket/o-ring	front cylinder	3140	1.6	1.6	1.6	1.6	1.6	1.6
Replace cylinder head gasket/o-ring	rear cylinder	3142	1.6	1.6	1.6	1.6	1.6	1.6
Replace cylinder head gasket/o-ring	both cylinders	3143	2.0	2.0	2.0	2.0	2.0	2.0
Replace rocker arm covers and/or gaskets	front cylinder	3144	0.7	0.7	0.7	0.7	0.7	0.7

Table 2-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			GM4	GV4	GX4	GN4	GY4	GP4
Replace rocker arm covers and/or gaskets	rear cylinder	3145	0.7	0.7	0.7	0.7	0.7	0.7
Replace rocker arm covers and/or gaskets	both cylinders	3148	0.8	0.8	0.8	0.8	0.8	0.8
Recondition rocker arms after heads are removed	one head	3149	0.7	0.7	0.7	0.7	0.7	0.7
Recondition rocker arms after heads are removed	both heads	3150	1.4	1.4	1.4	1.4	1.4	1.4
Replace lower rocker arm cover/gasket, or rocker arms and /or shafts/rocker arm support	front cylinder	3147	1.1	1.1	1.1	1.1	1.1	1.1
Replace lower rocker arm cover/gasket, or rocker arms and /or shafts/rocker arm support	rear cylinder	3152	1.1	1.1	1.1	1.1	1.1	1.1
Replace lower rocker arm cover/gasket, or rocker arms and /or shafts/rocker arm support	both cylinders	3153	1.8	1.8	1.8	1.8	1.8	1.8
Replace cylinder o-ring/drain o-ring	one cylinder	3161	1.8	1.8	1.8	1.8	1.8	1.8
Replace cylinder o-ring/drain o-ring	rear cylinder	3163	1.8	1.8	1.8	1.8	1.8	1.8
Replace cylinder o-ring/drain o-ring	both cylinders	3168	2.2	2.2	2.2	2.2	2.2	2.2
Replace crankcase umbrella valve	one	3172	1.0	1.0	1.0	1.0	1.0	1.0
Replace crankcase umbrella valve	both	3174	1.1	1.1	1.1	1.1	1.1	1.1
CYLINDER AND PISTON								
Recondition top end - includes disassembly, replacement of piston and sizing cylinder (.005" pistons), replacing piston rings and all items listed under recondition cylinder head and assembly.	one piston and cylinder	3202	4.5	4.5	4.5	4.5	4.5	4.5
Recondition top end - includes disassembly, replacement of piston and sizing cylinder (.005" pistons), replacing piston rings and all items listed under recondition cylinder head and assembly.	both pistons and cylinders	3203	5.1	5.1	5.1	5.1	5.1	5.1
Recondition top end - includes disassembly, replacement of piston and bore and hone, resizing cylinder (.010" oversize or above), replacing piston rings and all items listed under recondition cylinder head and assembly.	one piston and cylinder	3211	4.9	4.9	4.9	4.9	4.9	4.9

GM4 = FXD

GN4 = FXDL

GV4 = FXDC

GX4 = FXDB

GY4 = FXDF

GP4 = FXDWG

Table 2-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			GM4	GV4	GX4	GN4	GY4	GP4
Recondition top end - includes disassembly, replacement of piston and bore and hone, resizing cylinder (.010" oversize or above), replacing piston rings and all items listed under recondition cylinder head and assembly.	both pistons and cylinders	3212	5.5	5.5	5.5	5.5	5.5	5.5
Recondition top end – includes disassembly, deglazing cylinder and replacing rings, or replacing cylinder and piston, all items listed under reconditioning cylinder head and assembly.	one piston and cylinder	3207	4.3	4.3	4.3	4.3	4.3	4.3
Recondition top end – includes disassembly, deglazing cylinder and replacing rings, or replacing cylinder and piston, all items listed under reconditioning cylinder head and assembly.	both pistons and cylinders	3208	4.9	4.9	4.9	4.9	4.9	4.9
Replace piston rings – includes deglazing cylinder	one cylinder	3206	2.1	2.1	2.1	2.1	2.1	2.1
Replace piston rings – includes deglazing cylinder	both cylinders	3216	2.7	2.7	2.7	2.7	2.7	2.7
Replace piston and piston rings – includes removal of cylinder head and cylinder, fitting new piston with rings, resizing cylinder and assembly	one cylinder	3221	2.7	2.7	2.7	2.7	2.7	2.7
Replace piston and piston rings – includes removal of cylinder head and cylinder, fitting new piston with rings, resizing cylinder and assembly	both cylinders	3231	3.9	3.9	3.9	3.9	3.9	3.9
Replace cylinder and piston	one cylinder	3236	2.0	2.0	2.0	2.0	2.0	2.0
Replace cylinder and piston	both cylinders	3246	2.5	2.5	2.5	2.5	2.5	2.5
Replace upper connecting rod bushing during upper end repair		3251	0.4	0.4	0.4	0.4	0.4	0.4
Replace one cylinder stud	cylinder removed	3253	0.1	0.1	0.1	0.1	0.1	0.1
Replace all eight cylinder studs	cylinders removed	3254	0.5	0.5	0.5	0.5	0.5	0.5
CAM COVER								
Replace lifter cover/gasket or lifter/and, or anti-rotation pin	one	3307	1.3	1.3	1.3	1.3	1.3	1.3

Table 2-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			GM4	GV4	GX4	GN4	GY4	GP4
Replace lifter cover/gasket or lifter/and, or anti-rotation pin	both	3310	1.6	1.6	1.6	1.6	1.6	1.6
Replace push rod, push rod cover and/or o-ring or quad seal	one or two same cylinder	3317	1.3	1.3	1.3	1.3	1.3	1.3
Replace push rod, push rod cover and/or o-ring or quad seal	one each cylinder	3318	1.5	1.5	1.5	1.5	1.5	1.5
Replace cam cover and/or gasket		3325	0.9	0.9	0.9	0.9	0.9	0.9
Replace primary cam chain, sprockets and/or fastener		3327	1.0	1.0	1.0	1.0	1.0	1.0
Replace primary cam chain tensioner		3328	1.0	1.0	1.0	1.0	1.0	1.0
Replace cam support plate o-rings		3335	2.1	2.1	2.1	2.1	2.1	2.1
Replace cam support plate		3337	3.0	3.0	3.0	3.0	3.0	3.0
Replace cams/secondary cam chain/tensioner		3338	3.2	3.2	3.2	3.2	3.2	3.2
Replace oil pump and/or o-rings		3341	2.0	2.0	2.0	2.0	2.0	2.0
Replace cam bearing crankcase	one bearing	3342	2.7	2.7	2.7	2.7	2.7	2.7
Replace cam bearing crankcase	two bearings	3343	3.0	3.0	3.0	3.0	3.0	3.0
By pass valve inspection		3354	2.0	2.0	2.0	2.0	2.0	2.0
CRANKCASE								
Replace crankcases	California vehicles only – includes remove and install engine	3406	7.0	7.0	7.0	7.0	7.0	7.0
Replace crankcases	includes remove and install engine	3406	6.9	6.9	6.9	6.9	6.9	6.9
Seal crankcase only		3407	6.2	6.2	6.2	6.2	6.2	6.2
Replace flywheels	includes remove and install engine	3411	6.5	6.5	6.5	6.5	6.5	6.5
Replace right side main bearing	California vehicles only	3412	6.5	6.5	6.5	6.5	6.5	6.5
Replace right side main bearing		3412	6.4	6.4	6.4	6.4	6.4	6.4
Replace left side main bearing	California vehicles only	3410	6.4	6.4	6.4	6.4	6.4	6.4
Replace left side main bearing		3410	6.3	6.3	6.3	6.3	6.3	6.3

GM4 = FXD

GN4 = FXDL

GV4 = FXDC

GX4 = FXDB

GY4 = FXDF

GP4 = FXDWG

Table 2-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			GM4	GV4	GX4	GN4	GY4	GP4
Piston jet/o-ring	one	3413	2.0	2.0	2.0	2.0	2.0	2.0
Piston jet/o-ring	both	3414	2.4	2.4	2.4	2.4	2.4	2.4
Replace crank position sensor o-ring		3403	0.1	0.1	0.1	0.1	0.1	0.1
Check flywheel trueness before assembly or after removal		3420	0.1	0.1	0.1	0.1	0.1	0.1
Recondition cylinder heads – head removed (for non-related repairs)	one head	3425	1.0	1.0	1.0	1.0	1.0	1.0
Recondition cylinder heads – head removed (for non-related repairs)	both heads	3426	2.0	2.0	2.0	2.0	2.0	2.0
Replace piston rings	cylinders removed (for non-related repairs – deglaze only)	3428	0.3	0.3	0.3	0.3	0.3	0.3
Replace pistons	cylinders removed (for non-related repairs) – includes resizing cylinders	3430	1.4	1.4	1.4	1.4	1.4	1.4
FUEL SYSTEM								
Replace air cleaner backing plate		3501	0.2	0.2	0.2	0.2	0.2	0.2
Replace air cleaner cover		3502	0.1	0.1	0.1	0.1	0.1	0.1
Replace induction module/ seal		3510	0.7	0.7	0.7	0.7	0.7	0.7
Replace intake gasket	one or both	3511	0.3	0.3	0.3	0.3	0.3	0.3
Replace external fuel hose-EFI		3514	0.2	0.2	0.2	0.2	0.2	0.2
EVAPORATIVE EMISSIONS SYSTEM								
Replace canister	California vehicles only	3527	0.1	0.1	0.1	0.1	0.1	0.1
Replace vapor valve		3528	0.1	0.1	0.1	0.1	0.1	0.1
Replace any one hose		3529	0.1	0.1	0.1	0.1	0.1	0.1

Table 2-4. Drive and Clutch

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			GM4	GV4	GX4	GN4	GY4	GP4
DRIVE								
Replace primary chain		4002	0.9	0.9	0.9	0.9	0.9	0.9
Replace primary chain tensioner or pad		4033	0.5	0.5	0.5	0.5	0.5	0.5
Replace engine sprocket		4003	0.9	0.9	0.9	0.9	0.9	0.9
Replace engine sprocket seal		4005	2.4	2.4	2.4	2.4	2.4	2.4
Replace primary cover		4007	0.4	0.4	0.4	0.4	0.4	0.4
Replace primary cover gasket		4009	0.4	0.4	0.4	0.4	0.4	0.4
Replace inner primary housing and/or gasket /mainshaft bearing		4008	2.1	2.1	2.1	2.1	2.1	2.1
Replace or hone forward control shift shaft bushing		4393	---	---	---	---	0.3	0.3
Replace starter-primary o-ring		4034	0.3	0.3	0.3	0.3	0.3	0.3
CLUTCH								
Adjust clutch		---	0.2	0.2	0.2	0.2	0.2	0.2
Replace release cable assembly		4006	0.8	0.8	0.8	0.8	0.8	0.8
Service the clutch	includes disassembly, cleaning, inspection repair, assembly and adjustment	4011	1.3	1.3	1.3	1.3	1.3	1.3
Replace clutch release bearing and/or push rod		4016	0.8	0.8	0.8	0.8	0.8	0.8
Replace clutch release mechanism (ball ramp) and/or side cover		4018	0.8	0.8	0.8	0.8	0.8	0.8

GM4 = FXD

GN4 = FXDL

GV4 = FXDC

GX4 = FXDB

GY4 = FXDF

GP4 = FXDWG

Table 2-5. Transmission

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			GM4	GV4	GX4	GN4	GY4	GP4
TRANSMISSION CASE								
Replace transmission case		4304	5.3	5.3	5.3	5.3	5.3	5.3
Replace transmission complete- Includes remove, replace, install oil passage gasket		4305	4.9	4.9	4.9	4.9	4.9	4.9
Overhaul transmission	includes disassembly, cleaning, inspection, replacing parts, assembly (transmission case in frame)	4306	4.6	4.6	4.6	4.6	4.6	4.6
Replace transmission sprocket		4309	2.4	2.4	2.4	2.4	2.4	2.4
Replace main drive gear oil seal (in transmission case)		4311	2.5	2.5	2.5	2.5	2.5	2.5
Replace mainshaft oil seal (in main drive gear)		4316	2.2	2.2	2.2	2.2	2.2	2.2
Replace side door gasket		4321	2.8	2.8	2.8	2.8	2.8	2.8
Replace shifter drum		4331	2.9	2.9	2.9	2.9	2.9	2.9
Replace shifter arm assembly or springs		4336	2.9	2.9	2.9	2.9	2.9	2.9
Replace transmission top cover and/or gasket		4341	0.6	0.6	0.6	0.6	0.6	0.6
Replace shifter forks and/or shaft	includes checking gear engagement	4343	2.9	2.9	2.9	2.9	2.9	2.9
Replace side door bearing	one	4348	3.1	3.1	3.1	3.1	3.1	3.1
Replace side door bearing	both	4351	3.2	3.2	3.2	3.2	3.2	3.2
Replace transmission case countershaft bearing		4361	2.9	2.9	2.9	2.9	2.9	2.9
Replace main drive gear and/or bearing		4366	3.2	3.2	3.2	3.2	3.2	3.2
Replace side cover gasket		4368	0.2	0.2	0.2	0.2	0.2	0.2
Remove oil pan and/or gasket and/or baffle		4378	0.6	0.6	0.6	0.6	0.6	0.6
Replace oil fill tube and/or o-ring		4379	0.3	0.3	0.3	0.3	0.3	0.3
Replace vehicle speed sensor o-ring		4380	0.4	0.4	0.4	0.4	0.4	0.4
Replace transmission shift shaft seal		4390	2.2	2.2	2.2	2.2	2.2	2.2
Replace shift lever		4012	0.1	0.1	0.1	0.1	0.1	0.1

Table 2-6. OEM Accessories

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			GM4	GV4	GX4	GN4	GY4	GP4
ACCESSORIES								
Replace electrical caddie/coil cover		6263	0.2	0.2	0.2	0.2	0.2	0.2
Replace fuel tank trim/or medallion		6507	---	0.2	---	---	0.2	0.2
Replace sissy bar		6511	---	0.2	---	---	---	0.7
Replace mirror		6513	0.1	0.1	0.1	0.1	0.1	0.1

GM4 = FXD

GN4 = FXDL

GV4 = FXDC

GX4 = FXDB

GY4 = FXDF

GP4 = FXDWG

Table 2-7. Electrical - General

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			GM4	GV4	GX4	GN4	GY4	GP4
INSTRUMENTS								
Replace speedometer	Cosmetic issue	6003	0.3	0.3	0.3	0.3	0.3	0.3
Replace tachometer	Cosmetic issue	6009	---	---	---	0.3	---	---
Replace instrument housing assembly (speedo/tach); h-bar mounted		6019	0.3	---	---	0.5	---	---
Replace speedometer wiring harness		5046	0.8	---	0.8	0.8	---	---
WIRING								
Replace connector housing		5022	0.1	0.1	0.1	0.1	0.1	0.1
Replace connector anchor		5023	0.1	0.1	0.1	0.1	0.1	0.1
Replace main wiring harness		5026	2.0	2.0	2.0	2.0	2.0	2.0
Replace electrical caddie/ Battery support		5047	0.3	0.3	0.3	0.3	0.3	0.3
Replace main fuse connector		5158	0.4	0.4	0.4	0.4	0.4	0.4
Replace fuse/main fuse		5145	0.1	0.1	0.1	0.1	0.1	0.1
Replace fuse block		5148	0.4	0.4	0.4	0.4	0.4	0.4
SWITCHES								
Replace ignition switch		5129	0.3	0.2	0.3	0.3	0.2	0.2
Replace left upper handlebar switch housing		5177	0.2	0.2	0.2	0.2	0.2	0.2
Replace left lower handlebar switch housing		5178	0.2	0.2	0.2	0.2	0.2	0.2
Replace right upper handlebar switch housing		5179	0.2	0.2	0.2	0.2	0.2	0.2
Replace right lower handlebar switch housing		5180	0.2	0.2	0.2	0.2	0.2	0.2
Replace sidestand switch	HDI only	5164	0.4	0.4	0.4	0.4	0.4	0.4
LIGHTS								
Replace headlight bracket	Includes adjustment	5181	0.1	0.1	0.1	0.1	0.1	0.1
Replace headlight housing	Includes adjustment	5189	0.5	0.5	0.5	0.5	0.5	0.5
Replace turn signal light assembly	Front	5201	0.7	0.7	0.7	0.7	0.7	0.7
Replace turn signal light assembly	Rear	5205	0.3	0.3	0.3	0.3	0.3	0.3

Table 2-7. Electrical - General

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			GM4	GV4	GX4	GN4	GY4	GP4
BATTERY								
Replace the battery		5705	0.2	0.2	0.2	0.2	0.2	0.2
Replace battery tray		5767	0.3	0.3	0.3	0.3	0.3	0.3
Replace battery cable		5769	0.2	0.2	0.2	0.2	0.2	0.2

GM4 = FXD

GN4 = FXDL

GV4 = FXDC

GX4 = FXDB

GY4 = FXDF

GP4 = FXDWG

Table 2-8. Dyna Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			GM4	GV4	GX4	GN4	GY4	GP4
NOTE: Unless otherwise noted, all codes include diagnostic time and replacement time if required. The codes must be used in conjunction with the diagnostic/repair procedures listed in the current year Dyna Service Manual and Electrical Diagnostic Manual.								
GENERAL								
Repair any single wire	Light circuit	5039	0.5	0.5	0.5	0.5	0.5	0.5
Repair any single wire	Accessory circuit	5043	0.5	0.5	0.5	0.5	0.5	0.5
Repair any single wire	All wires except lighting and accessory circuits	5041	0.5	0.5	0.5	0.5	0.5	0.5
Replace position lamp	Position lamp inoperative	5143	0.1	0.1	0.1	0.1	0.1	0.1
Replace headlight bulb	Headlamp inoperative	5185	0.1	0.1	0.1	0.1	0.1	0.1
Replace indicator lamp assembly	High beam indicator inoperative, neutral lamp inoperative, oil pressure lamp inoperative, turn signal indicator inoperative	5191	0.5	0.2	0.5	0.5	0.2	0.2
Replace tail lamp bulb or lens	Running lamps inoperative	5197	0.1	0.7	---	0.1	0.7	0.7
Replace tail lamp assembly or circuit board	Headlamp inoperative, stop lamp inoperative	5215	0.2	0.3	0.5	0.2	0.3	0.3
Replace horn and/or bracket	Horn inoperative	5765	0.1	0.1	0.1	0.1	0.1	0.1
Repair engine compression, use in conjunction with additional code(s)	Engine cranks but will not start, starts hard	7210	0.5	0.5	0.5	0.5	0.5	0.5
Code not present	B1006, B1007, B0563, P0562, P0563, P0603, P0605	7770	0.2	0.2	0.2	0.2	0.2	0.2
SWITCHES								
Replace rear stoplight switch- includes bleeding brakes	Stop lamp inoperative	5141	0.4	0.4	0.4	0.4	0.4	0.4
Replace rear stoplight switch- includes bleeding brakes	U1097, U1255	6787	0.6	0.6	0.6	0.6	0.6	0.6
Replace neutral switch	Nothing clicks, neutral lamp always on, neutral lamp inoperative, B1155	5157	0.4	0.4	0.4	0.4	0.4	0.4
Replace oil pressure switch	Oil pressure lamp always on, oil pressure lamp inoperative	5161	0.2	0.2	0.2	0.2	0.2	0.2
Replace clutch switch	Nothing clicks, B1154	5168	0.7	0.7	0.7	0.7	0.7	0.7

Table 2-8. Dyna Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			GM4	GV4	GX4	GN4	GY4	GP4
Replace left upper handlebar switch	Horn always on, horn inoperative, headlamp inoperative	5171	0.5	0.5	0.5	0.5	0.7	0.7
Replace front brake light switch	Stop lamp inoperative	5176	0.5	0.5	0.5	0.5	0.5	0.5
Replace start button	Starter inoperative	5818	0.6	0.6	0.6	0.6	0.6	0.6
Replace odometer reset switch	B1008	6001	0.3	0.3	0.3	0.3	0.3	0.3
Replace odometer reset switch boot	B1008	6002	0.1	0.1	0.1	0.1	0.1	0.1
Replace turn signal switch	Both lamps on one side inoperative	6811	0.7	0.7	0.7	0.7	0.6	0.7
Replace engine stop switch	Serial data missing	6730	1.0	1.0	1.0	1.0	1.0	1.0
Replace engine stop switch	No check engine lamp	7295	1.2	1.2	1.2	1.2	1.2	1.2
Replace ignition switch	Serial data missing	7287	0.4	0.4	0.4	0.4	0.5	0.4
Replace ignition switch	U1097, U1255	6782	0.7	0.7	0.7	0.7	0.7	0.7
FUSES AND RELAYS								
Replace battery fuse	U1064	6713	0.3	0.3	0.3	0.3	0.3	0.3
Inspect/access main wire harness and electrical panel/wiggle test/replace ignition fuse	Serial data missing	6729	1.3	1.3	1.3	1.3	1.3	1.3
Inspect/access electrical panel/wiggle test/replace main fuse	Serial data missing	6733	0.5	0.5	0.5	0.5	0.5	0.5
Access instruments/wiggle test/replace instrument fuse	U1097, U1255	6766	0.7	0.7	0.7	0.7	0.7	0.7
Access instruments/wiggle test/replace accessory fuse	U1097, U1255	6781	0.7	0.7	0.7	0.7	0.7	0.7
Replace starter relay	Starter inoperative	5832	0.4	0.4	0.4	0.4	0.4	0.4
Replace starter relay	B1134	6841	0.2	0.2	0.2	0.2	0.2	0.2
Inspect/access electrical panel/main wiring harness/replace battery fuse	No check engine lamp, U1255	7159	0.8	0.8	0.8	0.8	0.8	0.8
Replace 15 amp fuse	Engine cranks but will not start, starts hard	7181	0.3	0.3	0.3	0.3	0.3	0.3
Replace system relay	Serial data missing, P1001, P1003	7904	0.3	0.3	0.3	0.3	0.3	0.3
Replace system relay	P1002	7909	0.4	0.4	0.4	0.4	0.4	0.4

GM4 = FXD

GN4 = FXDL

GV4 = FXDC

GX4 = FXDB

GY4 = FXDF

GP4 = FXDWG

Table 2-8. Dyna Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			GM4	GV4	GX4	GN4	GY4	GP4
Replace system relay	P1004	7911	0.2	0.2	0.2	0.2	0.2	0.2
Harness Inspection/wiggle test/electrical panel removal/replace system relay	P1004	7918	0.9	0.9	0.9	0.9	0.9	0.9
Replace engine control fuse	P1475	7826	0.3	0.3	0.3	0.3	0.3	0.3
Harness inspection/wiggle test/electrical panel removal/replace ECM fuse	P1003, P1351, P1354	7937	0.8	0.8	0.8	0.8	0.8	0.8
CHARGING CIRCUIT								
Milliamp draw	Low battery after extended ignition off	5308	0.2	0.2	0.2	0.2	0.2	0.2
Replace stator	Low or no charging	5309	2.6	2.6	2.6	2.6	2.6	2.6
Total current draw	Diagnose charging system	5310	0.2	0.2	0.2	0.2	0.2	0.2
Replace voltage regulator	No or low charging, overcharging	5316	0.7	0.7	0.7	0.7	0.7	0.7
Replace voltage regulator	Serial data missing	6724	0.4	0.4	0.4	0.4	0.4	0.4
Replace rotor	No or low charging	5319	2.5	2.5	2.5	2.5	2.5	2.5
Replace battery	Engine cranks but will not start, starts hard	7185	0.5	0.5	0.5	0.5	0.5	0.5
Repair charging system/accompanies other codes	B0563, B1006, B1007, P0562, P0563	7771	0.2	0.2	0.2	0.2	0.2	0.2
STARTER CIRCUIT								
Replace starter	Solenoid clicks	5817	0.6	0.6	0.6	0.6	0.6	0.6
Replace starter	Starter spins but does not engage	5825	0.5	0.5	0.5	0.5	0.5	0.5
Replace starter	Slow starter crank or starter stalls	5836	0.3	0.3	0.3	0.3	0.3	0.3
Replace starter clutch	Starter spins but does not engage	5837	0.8	0.8	0.8	0.8	0.8	0.8
Replace starter solenoid	Starter testing, starter relay clicks	5845	0.8	0.8	0.8	0.8	0.8	0.8
Repair starting system; use in conjunction with additional code(s)	Engine cranks but will not start, starts hard	7166	0.2	0.2	0.2	0.2	0.2	0.2
IGNITION CIRCUIT								
Replace spark plugs	Misfire at idle or under load, rough or rolling idle, engine cranks but will not start, starts hard	7134	0.4	0.4	0.4	0.4	0.4	0.4
Replace spark plug	P1353, P1356-P1358	7548	0.2	0.2	0.2	0.2	0.2	0.2

Table 2-8. Dyna Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			GM4	GV4	GX4	GN4	GY4	GP4
Replace spark plug wire	Misfire at idle or under load, rough or rolling idle, engine cranks but will not start, starts hard	7138	0.3	0.3	0.3	0.3	0.3	0.3
Replace spark plug wire	P1353, P1356-P1358	7549	0.2	0.2	0.2	0.2	0.2	0.2
Replace ignition coil	Misfire at idle or under load, rough or rolling idle	7139	0.3	0.3	0.3	0.3	0.3	0.3
Replace ignition coil	Engine cranks but will not start, starts hard	7226	0.4	0.4	0.4	0.4	0.4	0.4
Replace ignition coil	P1353, P1356-P1358	7547	0.3	0.3	0.3	0.3	0.3	0.3
Replace ignition coil	P1351, P1352, P1354, P1355	7856	0.3	0.3	0.3	0.3	0.3	0.3
AIR INTAKE								
Repair intake leak	P0131, P0151	7486	1.0	1.0	1.0	1.0	1.0	1.0
FUEL SYSTEM								
Replace fuel level sender	B1004, B1005	6035	1.0	1.0	1.0	1.0	1.0	1.0
Replace fuel gauge	U1097, U1255	6775	0.4	0.4	0.4	0.4	0.4	0.4
Replace fuel filter or clean fuel pump screen	Starts - then stalls, P1353, P1356-P1358	7013	0.8	0.8	0.8	0.8	0.8	0.8
Repair/replace fuel pump/pressure regulator/fuel line/fuel filter	Starts - then stalls, P1353, P1356-P1358	7014	1.0	1.0	1.0	1.0	1.0	1.0
Replace fuel filter screen	Misfire at idle or under load, rough or rolling idle, engine cranks but will not start, starts hard, P0131, P015	7163	1.0	1.0	1.0	1.0	1.0	1.0
Repair/replace fuel pump/pressure regulator/fuel line/fuel filter	Misfire at idle or under load, rough or rolling idle, engine cranks but will not start, starts hard, P0131, P0132, P0151, P0152	7164	1.0	1.0	1.0	1.0	1.0	1.0
Replace fuel injector	Misfire at idle or under load, rough or rolling idle, P0131, P0132, P0151, P0152	7144	0.9	0.9	0.9	0.9	0.9	0.9
Replace fuel injector	Emits black smoke	7596	1.0	1.0	1.0	1.0	1.0	1.0
Replace fuel injector	P0261-P0264	7795	1.3	1.3	1.3	1.3	1.3	1.3
Replace fuel injector	Engine cranks but will not start, starts hard	7992	0.9	0.9	0.9	0.9	0.9	0.9
Replace fuel pump	Engine cranks but will not start, starts hard	7415	0.9	0.9	0.9	0.9	0.9	0.9
Replace fuel pump	P1003	7924	1.5	1.5	1.5	1.5	1.5	1.5

GM4 = FXD

GN4 = FXDL

GV4 = FXDC

GX4 = FXDB

GY4 = FXDF

GP4 = FXDWG

Table 2-8. Dyna Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			GM4	GV4	GX4	GN4	GY4	GP4
Replace fuel pressure regulator	Emits black smoke	7480	0.9	0.9	0.9	0.9	0.9	0.9
SENSORS AND ECM								
Replace jiffy stand sensor	P1501, P1502	5085	0.7	0.7	0.7	0.7	0.7	0.7
IAC system OK, may use with other Codes	P0505	7028	0.5	0.5	0.5	0.5	0.5	0.5
Replace idle air control (IAC)	P0505	7490	0.5	0.5	0.5	0.5	0.5	0.5
Replace throttle position sensor	P0122	7590	1.7	1.7	1.7	1.7	1.7	1.7
Replace throttle position sensor	Engine cranks but will not start, starts hard, P0122, P0123	7595	1.2	1.2	1.2	1.2	1.2	1.2
Replace engine temperature (ET) sensor	Emits black smoke	7598	0.8	0.8	0.8	0.8	0.8	0.8
Replace engine temperature (ET) sensor	P0117, P0118	7710	0.7	0.7	0.7	0.7	0.7	0.7
Replace oxygen sensor	P0131, P0132, P0134, P0151, P0152, P0154	7667	0.5	0.5	0.5	0.5	0.5	0.5
Replace intake air temperature (IAT) sensor	P0112, P0113	7725	0.9	0.9	0.9	0.9	0.9	0.9
Replace intake air temperature (IAT) sensor	P0112, P0113	7760	1.1	1.1	1.1	1.1	1.1	1.1
Replace crankshaft position (CKP) sensor	P0373, P0374	7981	0.5	0.5	0.5	0.5	0.5	0.5
Replace MAP sensor	Hesitates - poor driveability, misfire at idle or under load, rough or rolling idle	7152	0.8	0.8	0.8	0.8	0.8	0.8
Replace MAP sensor	Emits black smoke	7597	1.2	1.2	1.2	1.2	1.2	1.2
Replace MAP sensor	P0107	7630	0.7	0.7	0.7	0.7	0.7	0.7
Replace MAP sensor	P0107, P0108, P0122	7650	1.0	1.0	1.0	1.0	1.0	1.0
Clean or repair vehicle speed sensor (VSS)	P0501, P0502	7939	1.0	1.0	1.0	1.0	1.0	1.0
Replace vehicle speed sensor (VSS)	P0501, P0502	7967	0.7	0.7	0.7	0.7	0.7	0.7
Replace ECM	P1009	6703	1.0	1.0	1.0	1.0	1.0	1.0
Replace ECM	U1064	6716	0.8	0.8	0.8	0.8	0.8	0.8
Replace ECM	Engine cranks but will not start, starts-then stalls, starts hard	7450	1.1	1.1	1.1	1.1	1.1	1.1
Replace ECM	P0107, P0122, P0501, P0502	7565	1.2	1.2	1.2	1.2	1.2	1.2

Table 2-8. Dyna Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			GM4	GV4	GX4	GN4	GY4	GP4
Replace ECM	Emits black smoke	7601	1.5	1.5	1.5	1.5	1.5	1.5
Replace ECM	Serial data missing, misfire at idle or under load, rough or rolling idle, P0108, P0112, P0261, P0263, P0373, P0374, P0661, P0662, P1475, P1477, P1478, P1501, P1502, U1300, U1301	7641	0.9	0.9	0.9	0.9	0.9	0.9
Replace ECM	Serial data missing, P0117, P0603, P0605	7680	0.7	0.7	0.7	0.7	0.7	0.7
Replace ECM	No check engine lamp, P0118, P0123, P0131, P0132, P0134, P0151, P0152, P0154, P0262, P0264, P1001, P1002, P1351-P1355, P1356-P1358	7685	0.8	0.8	0.8	0.8	0.8	0.8
Replace ECM	P0113, P0505, P1010	7740	1.0	1.0	1.0	1.0	1.0	1.0
HDI ACTIVE EXHAUST								
Replace active intake solenoid	P0661, P0662, P1475	7064	0.5	0.5	0.5	0.5	0.5	0.5
Replace exhaust actuator	P1475, P1477, P1478	7811	0.4	0.4	0.4	0.4	0.4	0.4
Replace exhaust actuator valve	P1475	7812	0.6	0.6	0.6	0.6	0.6	0.6
Replace exhaust actuator cable	P1475	7814	0.4	0.4	0.4	0.4	0.4	0.4
TURN SIGNALS/INSTRUMENTS/SECURITY								
Perform ECM/TSM/TSSM/HFSM module replacement procedure	P1009	6701	0.4	0.4	0.4	0.4	0.4	0.4
Replaced TSM/TSSM/HFSM, system now ok	P1009	6702	0.4	0.4	0.4	0.4	0.4	0.4
Replaced TSM/TSSM/HFSM, system now ok	P1010	6707	0.6	0.6	0.6	0.6	0.6	0.6
Replace FOB battery	Fails to disarm	6755	0.1	0.1	0.1	0.1	0.1	0.1
Replace FOB	Fails to disarm	6756	0.1	0.1	0.1	0.1	0.1	0.1
Replace bulb	Both lamps on one side inoperative, flash at double normal rate, B1121, B1122	6796	0.3	0.3	0.3	0.3	0.3	0.3
Replace turn signal converter module	Flash at double normal rate, B1123-B1126	6809	---	---	0.7	---	---	0.7
Remove corrosion/replace bulb	Bulbs flash at double normal rate	6822	0.5	0.5	0.5	0.5	0.5	0.5

GM4 = FXD

GN4 = FXDL

GV4 = FXDC

GX4 = FXDB

GY4 = FXDF

GP4 = FXDWG

Table 2-8. Dyna Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			GM4	GV4	GX4	GN4	GY4	GP4
Replace lamp assembly	Flash at double normal rate, one lamp inoperative, B1121, B1122	6823	0.4	0.4	0.4	0.4	0.4	0.4
Replace speedometer	No security lamp during bulb check, security lamp on continuously after bulb check, no check engine lamp, B1008	6020	0.3	0.3	0.3	0.3	0.3	0.3
Replace speedometer	Serial data missing, no check engine lamp, U1016, U1064	6072	0.5	0.5	0.5	0.5	0.5	0.5
Replace speedometer	U1097, U1255, U1300, U1301	6765	0.7	0.7	0.7	0.7	0.7	0.7
Replace TSSMHFSM	Starter inoperative, nothing clicks, flash at double normal rate, no check engine lamp, B1121-B1126, B1135, B1136, B1142, B1141, U1016, U1064, U1255	5838	0.5	0.5	0.5	0.5	0.5	0.5
Replace TSSMHFSM	B1143, B1144, B1145, B1154, B1155	5863	0.4	0.4	0.4	0.4	0.4	0.4
Replace TSSMHFSM	Fails to disarm	6757	0.3	0.3	0.3	0.3	0.3	0.3
Replace TSSMHFSM	Will not cancel upon turn completion	6773	0.9	0.9	0.9	0.9	0.5	0.5
Replace TSSMHFSM	Flash at double normal rate	6824	0.6	0.6	0.6	0.6	0.3	0.3
Replace TSSMHFSM	B1131, B1132, B1134	6833	0.7	0.7	0.7	0.7	0.7	0.7
Replace TSSMHFSM	Neutral lamp always on, B1135, B1136, B1142	6845	0.3	0.3	0.3	0.3	0.3	0.3
Replace TSSMHFSM	Serial data missing, U1300, U1301	7998	0.8	0.8	0.8	0.8	0.8	0.8
Replace tachometer	Serial data missing, no check engine lamp, U1016, U1097, U1255	6772	---	---	---	0.5	---	---
Replace tachometer	U1300, U1301	6803	---	---	---	0.7	---	---
Replace siren	B1131, B1132	6832	0.7	0.7	0.7	0.7	0.7	0.7
Replace siren	No check engine lamp	7161	0.6	0.6	0.6	0.6	0.6	0.6
Replace security antenna	Fails to disarm, B1143, B1144, B1145	6878	0.2	0.2	0.2	0.2	0.2	0.2
Replace security antenna harness	B1145	6881	0.4	0.4	0.4	0.4	0.4	0.4

NOTES

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Unless otherwise specified, Job Times shown include all operations necessary to complete the listed job.

CP2 = XL883C
CX3 = XL1200L

CR2 = XL883L
CZ3 = XL1200N

CS2 = XL883R
LA6 = XR1200

LE2 = XL883N
LD6 = XR1200X

CT3 = XL1200C

Table 3-1. Service

ITEM	DESCRIPTION	LABOR CODE	MODELS			
			CR2 CS2 LE2 CX3 CZ3	CP2	CT3	LA6 LD6
GENERAL						
Set-up and predelivery		---	1.3	1.3	1.3	1.3
1,000 mile service (1,600 km)		---	2.1	2.1	2.1	2.3
REGULAR						
5,000 mile maintenance (8,000 km)		---	1.8	1.8	1.8	2.0
10,000 mile maintenance (16,000 km)		---	2.3	2.3	2.3	2.5
15,000 (24,000 km) mile maintenance		---	1.8	1.8	1.8	2.0
20,000 (32,000 km) mile maintenance		---	2.3	2.3	2.3	2.5
25,000 (40,000 km) mile maintenance		---	5.3	5.3	5.3	5.9
30,000 (48,000 km) mile maintenance		---	2.3	2.3	2.3	2.5
Addition to any maintenance- required every 2 years	flush/fill D.O.T 4 brake fluid- front and rear	---	0.4	0.4	0.4	0.4
Addition to 1,000, 5,000 and 20,000 mile (1,600, 8,000, and 32,000 km) maintenance and every 15,000 mile (24,000 km) interval there after	Tighten spoke wheels if equipped, time per wheel	---	0.5	0.5	0.5	---

CP2 = XL883C
CX3 = XL1200L

CR2 = XL883L
CZ3 = XL1200N

CS2 = XL883R
LA6 = XR1200

LE2 = XL883N
LD6 = XR1200X

CT3 = XL1200C

Table 3-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS			
			CR2 CS2 LE2 CX3 CZ3	CP2	CT3	LA6 LD6
PAINT REPAIR						
NOTE: Use these codes when repairing any painted part on vehicle with the Kent Moore finesse kit or other paint repair methods						
Light scuff/scratch - buff		1102	0.2	0.2	0.2	0.2
Light sanding/buff/blend		1104	0.4	0.4	0.4	0.4
Buff entire part		1106	0.6	0.6	0.6	0.6
Repair build up in clear/paint		1108	0.8	0.8	0.8	0.8
Color blend/paint/buff		1110	1.0	1.0	1.0	1.0
DRIVE						
Adjust secondary belt	at predelivery only	2010	0.2	0.2	0.2	0.2
Replace idler bracket assembly		2008	---	---	---	0.8
Replace idler pulley		2009	---	---	---	0.3
Replace secondary belt		2011	0.7	0.7	0.7	0.7
Replace rear wheel sprocket		2021	0.8	0.8	0.8	0.8
Replace transmission sprocket cover		2044	0.6	0.6	0.6	0.6
WHEELS						
Replace rim, hub or spokes (includes truing wheel)	front	2116	2.2	2.2	2.2	---
Replace rim, hub or spokes (includes truing wheel)	rear	2121	2.3	---	2.3	---
Replace wheel bearings	front	2136	0.5	0.5	0.5	0.5
Replace wheel bearings	rear	2141	0.6	0.6	0.6	0.6
Replace tire – includes balancing	front	2106	0.5	0.5	0.5	0.5
Replace tire – includes balancing	rear	2111	0.6	0.6	0.6	0.6
Replace wheel assembly - includes disc and sprocket exchange and balancing	front	2113	0.8	0.8	0.8	0.8
Replace wheel assembly - includes disc and sprocket exchange and balancing	rear	2114	0.9	0.9	0.9	0.9
HANDLEBARS						

CP2 = XL883C
CX3 = XL1200L

CR2 = XL883L
CZ3 = XL1200N

CS2 = XL883R
LA6 = XR1200

LE2 = XL883N
LD6 = XR1200X

CT3 = XL1200C

Table 3-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS			
			CR2 CS2 LE2 CX3 CZ3	CP2	CT3	LA6 LD6
Replace handlebars		2206	0.5	0.5	0.5	0.5
Replace clutch hand lever		2221	0.1	0.1	0.1	0.1
Replace clutch hand lever bracket		2226	0.2	0.2	0.2	0.2
Replace throttle control		2231	0.4	0.4	0.4	0.4
Replace and adjust throttle control cables	one or both	2241	0.7	0.7	0.7	0.7
Replace rubber handlebar grip		2251	0.2	0.2	0.2	0.2
Replace handlebar riser	one or both	2253	0.4	0.6	0.6	---
Replace handlebar clamp or bracket		2254	0.2	0.2	0.2	0.2
Replace handlebar riser cover	rear	2258	---	0.2	0.2	---
FRAME/SWING ARM/FRONT FORK						
Replace frame – includes removal and installation of all accessories and motorcycle components		2306	12.2	12.2	12.2	12.2
Replace foot pegs		2307	0.1	0.1	0.1	0.1
Replace right side foot peg mount		2310	0.4	0.2	0.2	0.2
Replace left side foot peg mount		2312	0.2	0.2	0.2	0.2
Replace tail section		2328	---	---	---	0.2
Replace passenger foot peg bracket	one	2390	---	0.2	0.2	0.2
Replace lower fork bracket and stem		2316	2.1	2.1	2.1	2.1
Replace upper fork bracket		2318	0.6	0.6	0.6	0.6
Replace steering head cups and bearings, including bearing adjustment		2321	1.9	1.9	1.9	1.9
Replace fork lock		2330	0.6	0.6	0.6	0.6
Adjust steering head bearings	at predelivery only	2290	0.3	0.3	0.3	0.3
Change front fork oil		---	0.5	0.5	0.5	0.7

CP2 = XL883C
CX3 = XL1200L

CR2 = XL883L
CZ3 = XL1200N

CS2 = XL883R
LA6 = XR1200

LE2 = XL883N
LD6 = XR1200X

CT3 = XL1200C

Table 3-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS			
			CR2 CS2 LE2 CX3 CZ3	CP2	CT3	LA6 LD6
Service or replace fork slider and/or seal – includes removal, disassembly, cleaning, inspection, replacing parts, servicing damper tube, replacing bushings, assembly and installation	one side	2341	0.7	0.7	0.7	0.9
Service or replace fork slider and/or seal – includes removal, disassembly, cleaning, inspection, replacing parts, servicing damper tube, replacing bushings, assembly and installation	both sides	2342	1.1	1.1	1.1	1.3
Replace fork side	one side	2346	0.5	0.5	0.5	0.5
Replace fork side	both sides	2351	0.8	0.8	0.8	0.8
Replace fork tube	one side	2356	0.7	0.7	0.7	0.9
Replace fork tube	both sides	2361	1.1	1.1	1.1	1.3
Replace fork boot (CZ3 and LE2 models only)	one	2495	0.7	---	---	---
Replace fork boot (CZ3 and LE2 models only)	both	2499	0.9	---	---	---
Replace rear swing arm and/or bearings		2366	2.0	2.0	2.0	2.0
Replace rear shock absorber assembly	one side	2371	0.2	0.2	0.2	0.2
Replace rear shock absorber assembly	both sides	2376	0.4	0.4	0.4	0.4
Replace rear shock absorber component(s)	one side	2381	0.3	0.3	0.3	0.3
Replace rear shock absorber component(s)	both sides	2386	0.6	0.6	0.6	0.6
Replace jiffy stand	spring and/or stand	2396	0.2	0.2	0.2	0.2
Replace jiffy stand	rubber bumper	2399	0.1	0.1	0.1	0.1
BRAKES						
Replace hydraulic brake line – includes filling/bleeding brakes	front	2404	0.6	0.6	0.6	0.7
Replace hydraulic brake line – includes filling/bleeding brakes	rear	2411	0.6	0.6	0.6	0.6
Replace brake pads	front - each caliper	2416	0.1	0.1	0.1	0.1
Replace brake pads	rear	2421	0.3	0.3	0.3	0.3

CP2 = XL883C
CX3 = XL1200L

CR2 = XL883L
CZ3 = XL1200N

CS2 = XL883R
LA6 = XR1200

LE2 = XL883N
LD6 = XR1200X

CT3 = XL1200C

Table 3-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS			
			CR2 CS2 LE2 CX3 CZ3	CP2	CT3	LA6 LD6
Replace brake caliper – includes filling/bleeding brakes	front - each caliper	2426	0.4	0.4	0.4	0.4
Replace brake caliper – includes filling/bleeding brakes	rear	2431	0.6	0.6	0.6	0.6
Replace brake disc	front	2436	0.3	0.3	0.3	0.3
Replace brake disc	both - CS2, LA6 LD6 only	2437	0.4	---	---	0.4
Replace brake disc	rear	2441	0.8	0.8	0.8	0.8
Bleed brake caliper – front or rear caliper		2446	0.2	0.2	0.2	0.2
Overhaul brake caliper – includes filling/bleeding brakes	front - each caliper	2451	0.6	0.6	0.6	0.6
Overhaul brake caliper – includes filling/bleeding brakes	rear	2456	0.8	0.8	0.8	0.8
Replace master cylinder assembly – includes filling/bleeding brakes	front	2461	0.4	0.4	0.4	0.4
Replace master cylinder assembly – includes filling/bleeding brakes	rear	2466	0.5	0.5	0.5	0.5
Rebuild master cylinder assembly – includes filling/bleeding brakes	front	2471	0.6	0.6	0.6	0.6
Rebuild master cylinder assembly – includes filling/bleeding brakes	rear	2476	0.7	0.7	0.7	0.7
Replace master cylinder cover or gasket	front or rear	2479	0.1	0.1	0.1	0.1
Replace rear brake pedal		2492	0.5	0.5	0.5	0.2
Replace front brake lever		2494	0.1	0.1	0.1	0.1
SEATS/FENDERS/TANKS						
Replace seat		2506	0.1	0.1	0.1	0.1
Replace passenger seat		2502	---	---	---	0.1
Replace passenger seat strap- all except CR2, LE2, and CZ3 models		2588	0.1	0.1	0.1	0.1

CP2 = XL883C
CX3 = XL1200L

CR2 = XL883L
CZ3 = XL1200N

CS2 = XL883R
LA6 = XR1200

LE2 = XL883N
LD6 = XR1200X

CT3 = XL1200C

Table 3-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS			
			CR2 CS2 LE2 CX3 CZ3	CP2	CT3	LA6 LD6
Replace fender	front	2526	0.3	0.3	0.3	0.3
Replace fender	rear	2531	1.3	1.3	1.3	0.4
Replace rear fender support	one	2536	0.3	0.3	0.3	0.5
Replace rear fender support	both	2539	0.6	0.6	0.6	0.6
Replace fuel tank assembly		2541	0.3	0.3	0.8	0.4
Replace fuel tank trim or medallion	CT3 and CX3 models only	6507	0.3	---	0.3	---
Replace fuel tank console		2553	---	---	0.5	---
Replace fuel tank cover		2543	---	---	---	0.2
Replace fuel tank valve assembly		2561	0.2	0.2	0.2	0.2
Replace oil tank		2566	1.2	1.2	1.2	1.2
Replace oil tank mounting bracket		3479	0.4	0.4	0.4	0.4
Replace dipstick		3480	0.1	0.1	0.1	0.1
Replace oil tank lines	feed line-oil tank to pump	2571	0.7	0.7	0.7	0.8
Replace oil tank lines	feed line-oil pump to filter	2577	0.2	0.2	0.2	---
Replace oil tank lines	return line-oil pump to tank	2578	0.7	0.7	0.7	---
Replace oil tank lines	vent line	2581	0.9	0.9	0.9	0.9
Replace precision inlet line - one or both	inlet line to cylinder head	2673	---	---	---	0.3
Replace precision inlet line - one or both	both	2674	---	---	---	0.4
Replace front precision return line	return line- front cylinder head	2675	---	---	---	1.1
Replace return manifold/ rear precision return line assy.	return manifold to tank	2676	---	---	---	1.0
Replace return manifold/ rear precision return line assy.	return line crankcase to manifold	2677	---	---	---	1.5
Replace oil filter (other than normal maintenance)		2582	0.1	0.1	0.1	0.1
Replace oil pump to cooler line	one or both	2583	---	---	---	0.2
Replace oil cooler		2591	---	---	---	0.4

CP2 = XL883C
CX3 = XL1200L

CR2 = XL883L
CZ3 = XL1200N

CS2 = XL883R
LA6 = XR1200

LE2 = XL883N
LD6 = XR1200X

CT3 = XL1200C

Table 3-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS			
			CR2 CS2 LE2 CX3 CZ3	CP2	CT3	LA6 LD6
Replace license plate holder (Applicable CZ3 and LE2 models only)		2590	1.3	---	---	---
BELT GUARDS						
Replace rear belt guard		2616	0.1	0.1	0.1	0.1
Replace debris deflector		2617	0.1	0.1	0.1	0.1
EXHAUST SYSTEM						
Replace complete exhaust system		2621	0.7	0.7	0.7	0.7
Replace exhaust interconnect		2625	0.6	0.6	0.6	---
Replace any exhaust pipe cover		2661	0.1	0.1	0.1	0.1
Replace one muffler/inlet gasket		2665	0.2	0.2	0.2	0.2
Replace rear muffler mount		2618	---	---	---	0.2
Replace header assembly		2615	---	---	---	0.6

CP2 = XL883C
CX3 = XL1200L

CR2 = XL883L
CZ3 = XL1200N

CS2 = XL883R
LA6 = XR1200

LE2 = XL883N
LD6 = XR1200X

CT3 = XL1200C

Table 3-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS			
			CR2 CS2 LE2 CX3 CZ3	CP2	CT3	LA6 LD6
GENERAL						
Remove and install engine		3006	4.1	4.1	4.1	4.1
Remove and install engine	California vehicles only	3004	4.2	4.2	4.2	4.2
Replace stabilizer and/or bracket	one	3013	0.2	0.2	0.2	0.2
Replace engine mount	one	3014	4.1	4.1	4.1	4.1
Replace mount	each additional	3015	0.1	0.1	0.1	0.1
CYLINDER HEAD						
Recondition cylinder head – includes removal of head and gasket, remove carbon, service valve guides, grind valves and seats, test springs and install head and gaskets.	front cylinder head	3101	4.0	4.0	4.0	4.8
Recondition cylinder head – includes removal of head and gasket, remove carbon, service valve guides, grind valves and seats, test springs and install head and gaskets.	rear cylinder head	3103	3.8	3.8	3.8	4.8
Recondition cylinder head – includes removal of head and gasket, remove carbon, service valve guides, grind valves and seats, test springs and install head and gaskets.	both cylinder heads	3104	5.9	5.9	5.9	6.7
Replace cylinder head	one cylinder head	3106	2.8	2.8	2.8	3.8
Replace cylinder head	both cylinder heads	3108	4.1	4.1	4.1	4.9
Replace valve seal or spring after head removal	one seal or spring (intake or exhaust)	3131	0.1	0.1	0.1	0.1
Replace valve seal or spring after head removal	both seals or springs (intake or exhaust)	3132	0.2	0.2	0.2	0.2
Replace cylinder head gasket	front cylinder	3140	2.2	2.2	2.2	3.0
Replace cylinder head gasket	rear cylinder	3142	2.0	2.0	2.0	3.0
Replace cylinder head gasket	both cylinders	3143	2.7	2.7	2.7	3.5
Replace rocker arm covers and/or gaskets	front cylinder	3144	1.1	1.1	1.1	1.1
Replace rocker arm covers and/or gaskets	rear cylinder	3145	0.9	0.9	0.9	0.9

CP2 = XL883C
CX3 = XL1200L

CR2 = XL883L
CZ3 = XL1200N

CS2 = XL883R
LA6 = XR1200

LE2 = XL883N
LD6 = XR1200X

CT3 = XL1200C

Table 3-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS			
			CR2 CS2 LE2 CX3 CZ3	CP2	CT3	LA6 LD6
Replace rocker arm covers and/or gaskets	both cylinders	3148	1.3	1.3	1.3	1.3
Replace lower rocker cover/gasket, or rocker arms and/or shafts	front cylinder	3147	1.2	1.2	1.2	1.2
Replace lower rocker cover/gasket, or rocker arms and/or shafts	rear cylinder	3152	1.0	1.0	1.0	1.0
Replace lower rocker cover/gasket, or rocker arms and/or shafts	both cylinders	3153	1.8	1.8	1.8	1.8
Replace rear rocker wire form	rear cylinder	3126	---	---	---	0.2
Replace induction module cover	between cylinders	3127	---	---	---	0.3
Recondition rocker arms after heads are removed	one head	3149	0.5	0.5	0.5	0.5
Recondition rocker arms after heads are removed	both heads	3150	1.0	1.0	1.0	1.0
Replace cylinder base gasket	front cylinder	3161	2.8	2.8	2.8	3.6
Replace cylinder base gasket	rear cylinder	3163	2.6	2.6	2.6	3.6
Replace cylinder base gasket	both cylinders	3168	3.1	3.1	3.1	4.1
Replace crankcase umbrella valve	one	3172	1.0	1.0	1.0	1.0
Replace crankcase umbrella valve	both	3174	1.2	1.2	1.2	1.2
CYLINDER AND PISTON						
Replace piston and resize cylinder – includes disassembly, replacing piston, and sizing cylinder, all items listed under recondition cylinder head and assembly	one piston and cylinder	3202	5.2	5.2	5.2	---
Replace piston and resize cylinder – includes disassembly, replacing piston, and sizing cylinder, all items listed under recondition cylinder head and assembly	both pistons and cylinders	3203	7.9	7.9	7.9	---
Recondition cylinder and piston – includes disassembly, deglazing cylinder and replacing rings, or replacing cylinder and piston, all items listed under recondition cylinder head and assembly –	one piston and cylinder	3207	4.5	4.5	4.5	5.5

CP2 = XL883C
CX3 = XL1200L

CR2 = XL883L
CZ3 = XL1200N

CS2 = XL883R
LA6 = XR1200

LE2 = XL883N
LD6 = XR1200X

CT3 = XL1200C

Table 3-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS			
			CR2 CS2 LE2 CX3 CZ3	CP2	CT3	LA6 LD6
Recondition cylinder and piston – includes disassembly, deglazing cylinder and replacing rings, or replacing cylinder and piston, all items listed under recondition cylinder head and assembly –	both pistons and cylinders	3208	7.1	7.1	7.1	8.1
Replace piston rings – includes deglazing cylinder	one cylinder	3206	3.2	3.2	3.2	4.2
Replace piston rings – includes deglazing cylinder	both cylinders	3216	4.1	4.1	4.1	5.1
Replace piston and piston rings – includes removal of cylinder head and cylinder, fitting new piston with rings, resizing cylinder and assembly	one cylinder	3221	3.4	3.4	3.4	4.4
Replace piston and piston rings – includes removal of cylinder head and cylinder, fitting new piston with rings, resizing cylinder and assembly	both cylinders	3231	5.3	5.3	5.3	6.3
Replace cylinder and piston assembly	one cylinder	3236	2.4	2.4	2.4	3.4
Replace cylinder and piston assembly	both cylinders	3246	3.5	3.5	3.5	4.5
Replace upper connecting rod bushing during upper end repair		3251	0.4	0.4	0.4	0.4
Replace one cylinder stud	cylinder removed	3253	0.1	0.1	0.1	0.1
GEARCASE						
Replace tappet	one	3306	2.7	2.7	2.7	2.7
Replace tappet	two – same cylinder	3311	2.8	2.8	2.8	2.8
Replace tappet	two – one each cylinder	3313	3.7	3.7	3.7	3.7
Replace push rod, push rod cover and/or o-ring	one	3316	2.1	2.1	2.1	2.1
Replace push rod, push rod cover and/or o-ring	two – same cylinder	3317	2.2	2.2	2.2	2.2
Replace push rod, push rod cover and/or o-ring	two – one each cylinder	3318	2.7	2.7	2.7	2.7
Replace gearcase cover and/or gasket		3326	2.3	2.3	2.3	1.1
Replace all cam gears		3336	2.5	2.5	2.5	2.5
Replace oil pump		3341	0.7	0.7	0.7	2.3
Replace oil pump cover		3351	---	---	---	0.5

CP2 = XL883C
CX3 = XL1200L

CR2 = XL883L
CZ3 = XL1200N

CS2 = XL883R
LA6 = XR1200

LE2 = XL883N
LD6 = XR1200X

CT3 = XL1200C

Table 3-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS			
			CR2 CS2 LE2 CX3 CZ3	CP2	CT3	LA6 LD6
Replace precision cooling check valve		3352	---	---	---	0.5
Replace oil cooler thermostat		3353	---	---	---	0.5
Replace oil pump check valve		3366	0.1	0.1	0.1	0.1
CRANKCASE						
Replace crank position sensor o-ring		3403	0.1	0.1	0.1	0.1
Replace crankcases		3406	13.7	13.7	13.7	13.7
Seal crankcase only		3407	9.4	9.4	9.4	9.4
Replace left main bearing		3410	9.7	9.7	9.7	9.7
Replace flywheels	includes remove and install engine	3411	12.7	12.7	12.7	12.7
Check flywheel trueness after removal		3420	0.1	0.1	0.1	0.1
Check flywheels after removal	includes checking trueness piston removal and reinstallation, if required	3421	0.5	0.5	0.5	0.5
Recondition cylinder heads – head removed (for non-related repairs)	one head	3425	1.8	1.8	1.8	1.8
Recondition cylinder heads – head removed (for non-related repairs)	both heads	3426	3.3	3.3	3.3	3.3
Replace piston rings	both cylinders removed (for non-related repairs)	3428	0.7	0.7	0.7	0.7
Replace piston and rings – includes oversizing	both cylinders removed (for non-related repairs)	3430	1.4	1.4	1.4	1.4
FUEL SYSTEM						
Replace air cleaner assembly		3538	---	---	---	0.4
Replace air cleaner to induction module boot		3539	---	---	---	0.5
Replace air cleaner backing plate		3501	0.2	0.2	0.2	---
Replace air cleaner cover		3502	0.1	0.1	0.1	---
Replace induction module		3510	0.7	0.7	0.7	0.7
Replace manifold, inserts or clamps		3511	0.4	0.4	0.4	0.4
Replace external fuel hose		3514	0.3	0.3	0.3	0.3

CP2 = XL883C
CX3 = XL1200L

CR2 = XL883L
CZ3 = XL1200N

CS2 = XL883R
LA6 = XR1200

LE2 = XL883N
LD6 = XR1200X

CT3 = XL1200C

Table 3-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS			
			CR2 CS2 LE2 CX3 CZ3	CP2	CT3	LA6 LD6
Replace induction module o-ring		3536	0.6	0.6	0.6	---
EVAPORATIVE EMISSIONS SYSTEM						
Replace canister	California vehicles only	3527	0.1	0.1	0.1	0.1
Replace vapor valve		3528	0.1	0.1	0.1	0.1
Replace any one hose		3529	0.7	0.7	0.7	0.7

CP2 = XL883C
CX3 = XL1200L

CR2 = XL883L
CZ3 = XL1200N

CS2 = XL883R
LA6 = XR1200

LE2 = XL883N
LD6 = XR1200X

CT3 = XL1200C

Table 3-4. Drive and Clutch

ITEM	DESCRIPTION	LABOR CODE	MODELS			
			CR2 CS2 LE2 CX3 CZ3	CP2	CT3	LA6 LD6
DRIVE						
Adjust primary chain		---	0.1	0.1	0.1	0.1
Replace primary inspection cover/o-ring/ or gasket		4001	0.1	0.1	0.1	0.1
Replace primary chain		4002	0.8	0.8	0.8	0.8
Replace engine sprocket		4003	0.8	0.8	0.8	0.8
Replace engine sprocket oil seal		4005	0.9	0.9	0.9	0.9
Replace primary cover		4007	0.7	0.7	0.7	0.7
Replace primary gasket		4009	0.5	0.5	0.5	0.5
CLUTCH						
Adjust clutch		---	0.1	0.1	0.1	0.1
Replace clutch release mechanism		4006	0.1	0.1	0.1	0.1
Service the clutch	includes disassembly, cleaning, inspection, repair, assembly and adjustment	4011	1.5	1.5	1.5	1.5
Replace shift lever		4012	0.1	0.1	0.14	0.1
Replace clutch cable		4013	0.2	0.2	0.2	0.2
Replace shifter seal		4015	0.1	0.1	0.1	0.1

CP2 = XL883C
CX3 = XL1200L

CR2 = XL883L
CZ3 = XL1200N

CS2 = XL883R
LA6 = XR1200

LE2 = XL883N
LD6 = XR1200X

CT3 = XL1200C

Table 3-5. Transmission

ITEM	DESCRIPTION	LABOR CODE	MODELS			
			CR2 CS2 LE2 CX3 CZ3	CP2	CT3	LA6 LD6
TRANSMISSION CASE						
Overhaul transmission – includes disassembly, removal, cleaning, inspection, replacing parts, assembly and installation		4306	13.5	13.5	13.5	13.5
Replace shifter drum		4329	11.3	11.3	11.3	11.3
Replace shift linkage and/or spring		4332	1.3	1.3	1.3	1.3
Replace shifter fork	one	4343	11.3	11.3	11.3	11.3
Replace shifter fork	each additional	4345	0.1	0.1	0.1	0.1
Replace transmission case countershaft bearing		4361	11.4	11.4	11.4	11.4
Replace main drive gear and/or bearing and/or o-ring		4366	11.8	11.8	11.8	11.8
Replace detent arm and/or spring		4368	11.3	11.3	11.3	11.3
Replace main drive gear belt sprocket		4309	0.8	0.8	0.8	0.8
Replace main drive gear seal	in crankcase	4311	0.9	0.9	0.9	0.9
Replace vehicle speed sensor o-ring		4380	0.5	0.5	0.5	0.5

CP2 = XL883C
CX3 = XL1200L

CR2 = XL883L
CZ3 = XL1200N

CS2 = XL883R
LA6 = XR1200

LE2 = XL883N
LD6 = XR1200X

CT3 = XL1200C

Table 3-6. OEM Accessories

ITEM	DESCRIPTION	LABOR CODE	MODELS			
			CR2 CS2 LE2 CX3 CZ3	CP2	CT3	LA6 LD6
ACCESSORIES						
Replace mirror		6513	0.1	0.1	0.1	0.1
Replace one frame side cover/side cover clips or grommets		6263	0.1	0.1	0.1	0.1

CP2 = XL883C
CX3 = XL1200L

CR2 = XL883L
CZ3 = XL1200N

CS2 = XL883R
LA6 = XR1200

LE2 = XL883N
LD6 = XR1200X

CT3 = XL1200C

Table 3-7. Electrical - General

ITEM	DESCRIPTION	LABOR CODE	MODELS			
			CR2 CS2 LE2 CX3 CZ3	CP2	CT3	LA6 LD6
INSTRUMENTS						
Replace speedometer	Cosmetic issue	6003	0.3	0.3	0.3	0.3
Replace tachometer	Cosmetic issue	6009	---	---	---	0.3
Replace odometer reset boot		6043	0.1	0.1	0.1	0.1
WIRING						
Replace connector housing		5022	0.1	0.1	0.1	0.1
Replace connector anchor		5023	0.1	0.1	0.1	0.1
Replace battery cable	One (negative or positive)	5024	0.3	0.3	0.3	0.3
Replace main wiring harness		5026	2.6	2.6	2.6	2.6
Replace rear fender wiring harness		5036	0.5	0.5	0.5	0.5
Replace speedometer wiring harness		5046	0.7	0.7	0.7	0.7
Replace engine sub-harness		5066	0.7	0.7	0.7	0.7
Replace electrical caddie (under fuel tank)		5081	1.0	1.0	1.0	1.0
Replace electrical caddie (behind voltage reg.)		5082	0.6	0.6	0.6	---
Replace fuse		5145	0.1	0.1	0.1	0.1
Replace fuse block (H bracket/ECM caddie)		5196	1.2	1.2	1.2	1.2
Replace ECM cover		5091	0.1	0.1	0.1	---
SWITCHES						
Replace ignition switch		5129	0.5	0.5	0.5	0.5
Replace left upper handlebar switch housing		5177	0.2	0.2	0.2	0.2
Replace left lower handlebar switch housing		5178	0.2	0.2	0.2	0.2
Replace right upper handlebar switch housing		5179	0.2	0.2	0.2	0.2
Replace right lower handlebar switch housing		5180	0.4	0.4	0.4	0.4
LIGHTS						
Replace headlight bracket	Includes adjustment	5181	0.2	0.2	0.2	0.2
Replace headlight housing	Includes adjustment	5189	0.4	0.7	0.7	0.4

CP2 = XL883C
CX3 = XL1200L

CR2 = XL883L
CZ3 = XL1200N

CS2 = XL883R
LA6 = XR1200

LE2 = XL883N
LD6 = XR1200X

CT3 = XL1200C

Table 3-7. Electrical - General

ITEM	DESCRIPTION	LABOR CODE	MODELS			
			CR2 CS2 LE2 CX3 CZ3	CP2	CT3	LA6 LD6
Replace indicator lens/trim plate/bezel		5190	0.2	0.2	0.2	0.2
Replace turn signal light assembly	Front	5201	0.2	0.4	0.4	0.2
Replace turn signal light assembly	Rear	5205	0.3	0.3	0.3	0.3
BATTERY						
Replace the battery		5705	0.3	0.3	0.3	0.3
Replace battery tray		5767	0.6	0.6	0.6	0.6

CP2 = XL883C
CX3 = XL1200L

CR2 = XL883L
CZ3 = XL1200N

CS2 = XL883R
LA6 = XR1200

LE2 = XL883N
LD6 = XR1200X

CT3 = XL1200C

Table 3-8. Sportster Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS			
			CR2 CS2 LE2 CX3 CZ3	CP2	CT3	LA6 LD6
NOTE: Unless otherwise noted, all codes include diagnostic time and replacement time if required. The codes must be used in conjunction with the diagnostic/repair procedures listed in the current Sportster Service Manual and Electrical Diagnostic Manual						
GENERAL						
Repair any single wire	Light circuit	5039	0.5	0.5	0.5	0.5
Repair any single wire	Accessory circuit	5043	0.5	0.5	0.5	0.5
Repair any single wire	All wires except lighting and accessory circuits	5041	0.5	0.5	0.5	0.5
Replace position lamp	Position lamp inoperative	5143	0.1	0.1	0.1	0.1
Replace headlight bulb	Headlamp inoperative	5185	0.1	0.1	0.1	0.1
Replace indicator lamp assembly	High beam indicator inoperative, neutral lamp inoperative, oil pressure lamp inoperative, turn signal indicator inoperative	5191	1.1	1.0	1.0	1.1
Replace tail lamp bulb/lens	Running lamps inoperative	5197	0.1	0.1	0.1	0.1
Replace tail lamp assembly or circuit board	Headlamp inoperative, stop lamp inoperative	5215	0.2	0.2	0.2	0.2
Replace horn and/or bracket	Horn inoperative	5765	0.1	0.1	0.1	0.1
Repair engine compression, use in conjunction with additional code(s)	Engine cranks but will not start, starts hard	7210	0.7	0.7	0.7	0.7
Code not present	B1006, B1007, B0563, P0562, P0563, P0603, P0605	7770	0.2	0.2	0.2	0.2
SWITCHES						
Replace rear stoplight switch - includes bleeding brakes	Stop lamp inoperative	5141	0.3	0.3	0.3	0.3
Replace neutral switch	Nothing clicks, neutral lamp always on, neutral lamp inoperative, B1155	5157	1.3	1.3	1.3	1.3
Replace oil pressure switch	Oil pressure lamp always on, oil pressure lamp inoperative	5161	0.1	0.1	0.1	0.1
Replace clutch switch	Nothing clicks, B1154	5168	0.9	0.9	0.9	0.9
Replace left upper handlebar switch	Horn always on, horn inoperative, headlamp inoperative	5171	0.5	0.5	0.5	0.5

CP2 = XL883C
CX3 = XL1200L

CR2 = XL883L
CZ3 = XL1200N

CS2 = XL883R
LA6 = XR1200

LE2 = XL883N
LD6 = XR1200X

CT3 = XL1200C

Table 3-8. Sportster Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS			
			CR2 CS2 LE2 CX3 CZ3	CP2	CT3	LA6 LD6
Replace front brake light switch	Stop lamp inoperative	5176	0.6	0.6	0.6	0.6
Replace start button	Starter inoperative	5818	0.9	0.9	0.9	0.9
Replace odometer reset switch	B1008	6001	0.3	0.4	0.4	0.3
Replace odometer reset switch boot	B1008	6002	0.1	0.1	0.1	0.1
Replace turn signal switch	Both lamps on one side inoperative	6811	0.7	0.7	0.7	0.7
Replace engine stop switch	Serial data missing	6730	0.7	0.7	0.7	0.7
Replace engine stop switch	No check engine lamp	7295	1.3	1.3	1.3	1.3
Replace ignition switch	U1097, U1255	6782	0.9	0.9	0.9	0.9
Replace ignition switch	Serial data missing	7287	1.0	1.0	1.0	1.0
FUSES AND RELAYS						
Replace battery fuse	U1064	6713	0.5	0.5	0.5	0.5
Inspect/access main wire harness/wiggle test/replace ignition fuse	Serial data missing	6729	0.3	0.3	0.3	0.3
Inspect/wiggle test/replace main fuse	Serial data missing	6733	0.4	0.4	0.4	0.4
Access instruments/wiggle test/replace accessory fuse	U1097, U1255	6781	0.7	0.7	0.7	0.7
Replace battery fuse	U1255	6754	---	---	---	0.7
Replace battery fuse	Turn signal error 2C	6807	0.3	0.3	0.3	0.3
Replace starter relay	Starter inoperative	5832	0.3	0.3	0.3	0.3
Replace starter relay	B1134	6841	0.4	0.4	0.4	0.4
Inspect/main wiring harness/replace battery fuse	No check engine lamp, U1255	7159	0.2	0.2	0.2	0.2
Replace 15 amp fuse	Engine cranks but will not start, starts hard	7181	0.3	0.3	0.3	0.3
Replace system relay	Serial data missing, P1001, P1003	7904	0.4	0.4	0.4	0.4
Replace system relay	P1002	7909	0.2	0.2	0.2	0.2
Replace system relay	P1004	7911	0.2	0.2	0.2	0.2
Harness inspection/wiggle test/replace system relay	P1004	7918	0.3	0.3	0.3	0.3

CP2 = XL883C
CX3 = XL1200L

CR2 = XL883L
CZ3 = XL1200N

CS2 = XL883R
LA6 = XR1200

LE2 = XL883N
LD6 = XR1200X

CT3 = XL1200C

Table 3-8. Sportster Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS			
			CR2 CS2 LE2 CX3 CZ3	CP2	CT3	LA6 LD6
Harness inspection/wiggle test/Replace ECM fuse	P1003, P1351, P1354	7937	0.5	0.5	0.5	0.5
CHARGING CIRCUIT						
Milliamp draw	Low battery after extended ignition off	5308	0.2	0.2	0.2	0.2
Replace stator	Low or no charging	5309	1.5	1.5	1.5	1.5
Total current draw	Diagnose charging system	5310	0.2	0.2	0.2	0.2
Replace voltage regulator	No or low charging, overcharging	5316	0.4	0.4	0.4	0.4
Replace voltage regulator	Serial data missing	6724	0.4	0.4	0.4	0.4
Replace rotor	No or low charging	5319	1.4	1.4	1.4	1.4
Replace battery	Engine cranks but will not start, starts hard	7185	0.3	0.3	0.3	0.3
Repair charging system/accompanies other codes	B1006, B1007, B0563, P0562, P0563	7771	0.2	0.2	0.2	0.2
STARTER CIRCUIT						
Replace starter	Starter inoperative	5817	1.0	1.0	1.0	1.0
Replace starter	Starter inoperative - damaged motor	5825	0.9	0.9	0.9	0.9
Replace starter	Slow starter crank or starter stalls	5836	0.3	0.3	0.3	0.3
Replace starter clutch	Starter spins but does not engage	5837	1.0	1.0	1.0	1.0
Replace starter solenoid	Starter testing, starter relay clicks	5845	1.1	1.1	1.1	1.1
IGNITION CIRCUIT						
Replace spark plugs	Misfire at idle or under load, rough or rolling idle, engine cranks but will not start, starts hard	7134	0.3	0.3	0.3	0.3
Replace spark plug wire	Misfire at idle or under load, rough or rolling idle, engine cranks but will not start, starts hard	7138	0.3	0.3	0.3	0.3
Replace ignition coil	Misfire at idle or under load, rough or rolling idle	7139	0.7	0.7	0.7	0.6
Replace ignition coil	Engine cranks but will not start, starts hard	7226	0.7	0.7	0.7	0.6
Replace ignition coil	P1351, P1352, P1354, P1355	7856	0.9	0.9	0.9	0.8
AIR INTAKE						
Repair intake leak	P0131, P0151	7486	1.5	1.5	1.5	1.6

CP2 = XL883C
CX3 = XL1200L

CR2 = XL883L
CZ3 = XL1200N

CS2 = XL883R
LA6 = XR1200

LE2 = XL883N
LD6 = XR1200X

CT3 = XL1200C

Table 3-8. Sportster Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS			
			CR2 CS2 LE2 CX3 CZ3	CP2	CT3	LA6 LD6
FUEL SYSTEM						
Replace fuel level switch	B1004, B1005	6035	0.6	0.6	0.6	0.7
Replace fuel level resistor assembly	B1004, B1005	6083	0.3	0.3	0.3	0.3
Replace fuel filter or clean fuel pump screen	starts - then stalls	7013	0.8	0.8	0.8	0.9
Replace fuel filter screen	Misfire at idle or under load, rough or rolling idle, Engine cranks but will not start, starts hard, P0131, P0151	7163	1.0	1.0	1.0	1.1
Repair/Replace fuel pump/pressure regulator/fuel line/fuel filter	Misfire at idle or under load, rough or rolling idle, Engine cranks but will not start, starts hard, P0131, P0132, P0151, P0152	7164	1.0	1.0	1.0	1.1
Repair/Replace fuel pump/pressure regulator/fuel line/fuel filter	Starts - then stalls	7014	0.8	0.8	0.8	0.9
Replace fuel injector	Misfire at idle or under load, rough or rolling idle, P0131, P0132, P0151, P0152	7144	0.6	0.6	0.6	0.8
Replace fuel injector	Emits black smoke	7596	0.8	0.8	0.8	1.0
Replace fuel injector	P0261—P0264	7795	0.5	0.5	0.5	0.7
Replace fuel injector	Engine cranks but will not start, starts hard	7992	0.7	0.7	0.7	0.7
Replace fuel pump	Engine cranks but will not start, starts hard	7415	0.6	0.6	0.6	0.7
Replace fuel pump	P1003	7924	0.8	0.8	0.8	0.9
Replace fuel pressure regulator	Emits black smoke	7480	0.6	0.6	0.6	0.7
SENSORS AND ECM						
Replace jiffy stand sensor	P1501, P1502	5085	0.3	0.3	0.3	0.3
IAC system OK, may use with other codes	P0505	7028	0.3	0.3	0.3	0.3
Replace idle air control (IAC)	P0505	7490	0.6	0.6	0.6	0.7
Replace throttle position sensor	P0122	7590	0.8	0.8	0.8	1.2
Replace throttle position sensor	Engine cranks but will not start, starts hard, P0122, P0123	7595	0.5	0.5	0.5	0.9

CP2 = XL883C
CX3 = XL1200L

CR2 = XL883L
CZ3 = XL1200N

CS2 = XL883R
LA6 = XR1200

LE2 = XL883N
LD6 = XR1200X

CT3 = XL1200C

Table 3-8. Sportster Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS			
			CR2 CS2 LE2 CX3 CZ3	CP2	CT3	LA6 LD6
Replace engine temperature (ET) sensor	Emits black smoke	7598	0.9	0.9	0.9	0.9
Replace engine temperature (ET) sensor	P0117, P0118	7710	0.6	0.6	0.6	0.6
Replace oxygen sensor	P0131, P0132, P0134, P0151, P0152, P0154	7667	0.5	0.5	0.5	0.5
Replace intake air temperature (IAT) sensor	P0112, P0113	7725	0.9	0.9	0.9	0.7
Replace crankshaft position (CKP) sensor	P0373, P0374	7981	0.5	0.5	0.5	0.5
Clean or repair crankshaft position (CKP) sensor	P0373, P0374	7982	0.3	0.3	0.3	0.3
Replace MAP sensor	Misfire at idle or under load, rough or rolling idle	7152	1.0	1.0	1.0	0.8
Replace MAP sensor	Emits black smoke	7597	1.4	1.4	1.4	1.2
Replace MAP sensor	P0107	7630	0.8	0.8	0.8	0.6
Replace MAP sensor	P0107, P0108, P0122	7650	1.0	1.0	1.0	0.8
Clean or repair vehicle speed sensor (VSS)	P0501	7939	0.4	0.4	0.4	0.4
Replace vehicle speed sensor (VSS)	P0122, P0501, P0502	7967	0.4	0.4	0.4	0.4
Replace ECM	Misfire at idle or under load, rough or rolling idle	7149	1.2	1.2	1.2	1.4
Replace ECM	P0123	7555	0.5	0.5	0.5	0.7
Replace ECM	Emits black smoke	7601	1.4	1.4	1.4	1.6
Replace ECM	Engine cranks but will not start, starts - then stalls , starts hard, P0107, P0108, P0118, P0122, P0373, P0501, P1502, P0505, P1010	7641	0.8	0.8	0.8	0.8
Replace ECM	Serial data missing, P0112, P0113, P0117, P0131, P0132, P0134, P0151, P0152, P0154, P0262, P0264, P0603, P0605, P1351, P1352, P1354, P1355	7735	0.7	0.7	0.7	0.7
Replace ECM	Serial data missing, P0261, P0263, P1009, P1501, P1502, U1300, U1301	7850	0.9	0.9	0.9	1.1
Replace ECM	No check engine lamp, P1001, P1002	7906	0.6	0.6	0.6	0.8
TURN SIGNALS/INSTRUMENTS/SECURITY						
Perform ECM/TSM/TSSM/HFSM module replacement procedure	P1009	6701	0.4	0.4	0.4	0.4

CP2 = XL883C
CX3 = XL1200L

CR2 = XL883L
CZ3 = XL1200N

CS2 = XL883R
LA6 = XR1200

LE2 = XL883N
LD6 = XR1200X

CT3 = XL1200C

Table 3-8. Sportster Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS			
			CR2 CS2 LE2 CX3 CZ3	CP2	CT3	LA6 LD6
Replaced TSM/TSSM/HFSM , system now ok	P1009	6702	0.5	0.5	0.5	0.5
Replaced TSM/TSSM/HFSM , system now ok	P1010	6707	0.4	0.4	0.4	0.4
Replace FOB battery	Fails to disarm	6755	0.1	0.1	0.1	0.1
Replace FOB	Fails to disarm	6756	0.1	0.1	0.1	0.1
Replace bulb	Both lamps on one side inoperative, flash at double normal rate, B1121, B1122	6796	0.2	0.2	0.2	0.2
Replace turn signal converter module	Flash at double normal rate, B1123-B1126	6809	0.9	---	---	---
Remove corrosion/Replace bulb	Bulbs flash at double normal rate	6822	0.2	0.2	0.2	0.2
Replace lamp assembly	Flash at double normal rate, one lamp inoperative, B1121, B1122	6823	0.3	0.4	0.4	0.3
Replace speedometer	B1008	6020	0.3	0.4	0.4	---
Replace speedometer	No security lamp during bulb check	6738	0.4	0.4	0.4	---
Replace speedometer	Security lamp on continuously after bulb check	6752	0.4	0.4	0.4	---
Replace speedometer	Serial data missing, no check engine lamp, U1016, U1097, U1255, U1300, U1301	6765	0.8	0.9	0.9	0.8
Replace speedometer	No check engine lamp	7311	0.5	0.6	0.6	0.5
Replace tachometer	No security lamp during bulb check, security lamp on continuously after bulb check, B1008	6095	---	---	---	0.4
Replace tachometer	Serial data missing, no check engine lamp, U1016, U1097, U1255	6772	---	---	---	0.5
Replace tachometer	U1097, U1255, U1300, U1301	6803	0.8	0.8	0.8	0.8
Replace TSM/TSSM/HFSM	B1154, B1155	5863	1.5	1.5	1.5	1.5
Replace TSM/TSSM/HFSM	U1016, U1064, U1255	6717	1.0	1.0	1.0	1.0
Replace TSM/TSSM/HFSM	Fails to disarm, will not cancel upon turn completion, both lamps on one side inoperative, flash at double normal rate, starter inoperative, B1121—B1126, B1131, B1132, B1134B1141	6757	0.7	0.7	0.7	0.7
Replace TSM/TSSM/HFSM	B1135, B1136, B1142, B1143, B1144, B1145	6845	0.6	0.6	0.6	0.6

CP2 = XL883C
CX3 = XL1200L

CR2 = XL883L
CZ3 = XL1200N

CS2 = XL883R
LA6 = XR1200

LE2 = XL883N
LD6 = XR1200X

CT3 = XL1200C

Table 3-8. Sportster Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS			
			CR2 CS2 LE2 CX3 CZ3	CP2	CT3	LA6 LD6
Replace TSM/TSSM/HFSM	No check engine lamp	7306	1.2	1.2	1.2	1.2
Replace TSM/TSSM/HFSM	Serial data missing, U1300, U1301	7998	1.1	1.3	1.3	1.1
Replace siren	B1131, B1132	6832	0.6	0.6	0.6	0.6
Replace siren	No check engine lamp	7161	0.6	0.6	0.6	0.6
Replace security antenna	B1143, B1144, B1145	6878	0.2	0.2	0.2	0.2
Replace security antenna harness	B1145	6881	0.6	0.6	0.6	0.6

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Unless otherwise specified, Job Times shown include all operations necessary to complete the listed job.

HFH = VRSCAW

HFJ = VRSCAW 105

HHH = VRSCDX

HHJ = VRSCDX 105

HPH = VRSCF

HPJ = VRSCF 105

Table 4-1. Service

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			HFH	HFJ	HHH	HHJ	HPH	HPJ
NEW								
Set-up and predelivery		---	1.5	1.5	1.5	1.5	1.6	1.6
1,000 mile (1,600 km) service		---	2.0	2.0	2.0	2.0	2.1	2.1
REGULAR								
5,000 mile (8,000 km) maintenance		---	1.5	1.5	1.5	1.5	1.6	1.6
10,000 mile (16,000 km) maintenance		---	1.5	1.5	1.5	1.5	1.6	1.6
15,000 mile (24,000 km) maintenance	Includes Valve lash adjustment	---	3.0	3.0	3.0	3.0	3.2	3.2
20,000 mile (24,000 km) maintenance		---	2.0	2.0	2.0	2.0	2.1	2.1
25,000 mile (24,000 km) maintenance		---	1.5	1.5	1.5	1.5	1.6	1.6
30,000 mile (24,000 km) maintenance	Includes Valve lash adjustment	---	3.0	3.0	3.0	3.0	3.2	3.2
Addition to any maintenance- required every 2 years	flush/fill D.O.T 4 brake fluid- front and rear brake, and clutch	---	0.8	0.8	0.8	0.8	0.8	0.8
Addition to 1,000, 5,000 and 20,000 mile (1,600, 8,000, and 32,000 km) maintenance and every 15,000 mile (24,000 km) interval there after	Tighten spoke wheels if equipped, time per wheel	---	0.5	0.5	---	---	---	---

Table 4-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			HFH	HFJ	HHH	HHJ	HPH	HPJ
PAINT REPAIR								
NOTE: Use these codes when repairing any painted part on vehicle with the Kent Moore finesse kit or other paint repair methods								
Light scuff/scratch - buff		1102	0.2	0.2	0.2	0.2	0.2	0.2
Light sanding/buff/blend		1104	0.4	0.4	0.4	0.4	0.4	0.4
Buff entire part		1106	0.6	0.6	0.6	0.6	0.6	0.6
Repair build up in clear/paint		1108	0.8	0.8	0.8	0.8	0.8	0.8
Color blend/paint/buff		1110	1.0	1.0	1.0	1.0	1.0	1.0
DRIVE								
Adjust secondary belt	PDI Only	2010	0.3	0.3	0.3	0.3	0.3	0.3
Replace sprocket cover		2044	0.1	0.1	0.1	0.1	0.2	0.2
Replace secondary belt		2011	0.5	0.5	0.5	0.5	0.6	0.6
Replace rear wheel sprocket		2021	0.4	0.4	0.4	0.4	0.4	0.4
Replace rear wheel sprocket bearing		2012	0.6	0.6	0.6	0.6	0.6	0.6
Replace rear compensator cushion		2013	0.5	0.5	0.5	0.5	0.5	0.5
Replace rear compensator bowl		2014	0.6	0.6	0.6	0.6	0.6	0.6
Replace front sprocket		2015	0.5	0.5	0.5	0.5	0.6	0.6
WHEELS								
Replace tire - includes balancing	front	2106	0.4	0.4	0.4	0.4	0.4	0.4
Replace tire - includes balancing	rear	2111	0.9	0.9	0.9	0.9	0.9	0.9
Replace wheel assembly - includes disc and sprocket exchange and balancing	front	2113	0.6	0.6	0.6	0.6	0.6	0.6
Replace wheel assembly - includes disc and sprocket exchange and balancing	rear	2114	1.0	1.0	1.0	1.0	1.0	1.0
Replace wheel bearings	front	2136	0.3	0.3	0.3	0.3	0.3	0.3
Replace wheel bearings	rear	2141	0.6	0.6	0.6	0.6	0.6	0.6
Check or true spoke wheel	front	2155	0.5	0.5	---	---	---	---

HFH = VRSCAW

HFJ = VRSCAW 105

HHH = VRSCDX

HHJ = VRSCDX 105

HPH = VRSCF

HPJ = VRSCF 105

Table 4-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			HFH	HFJ	HHH	HHJ	HPH	HPJ
HANDLEBARS								
Replace handlebar riser	one	2253	---	---	0.3	0.3	---	---
Replace handlebar clamp		2254	---	---	0.3	0.3	---	---
Replace handlebars		2206	0.5	0.5	0.5	0.5	0.8	0.8
Replace clutch hand lever		2221	0.1	0.1	0.1	0.1	0.1	0.1
Replace brake hand lever		2494	0.1	0.1	0.1	0.1	0.1	0.1
Replace throttle control (grip and sleeve)and adjust cables	right side	2231	0.4	0.4	0.4	0.4	0.4	0.4
Replace and adjust throttle control cables	one or both	2241	0.6	0.6	0.6	0.6	0.7	0.7
Replace rubber handlebar grip	left side	2251	0.1	0.1	0.1	0.1	0.1	0.1
FRAME/SWING ARM/FRONT FORK								
Replace frame – includes removal and installation of all accessories and motorcycle components		2306	12.0	12.0	12.0	12.0	12.0	12.0
Replace lower fork bracket and stem		2316	1.1	1.1	1.1	1.1	1.1	1.1
Replace steering head cups and bearings, including bearing adjustment		2321	1.8	1.8	1.8	1.8	1.8	1.8
Replace headlamp mount bracket		2244	0.2	0.2	0.2	0.2	0.2	0.2
Replace upper fork bracket		2326	1.0	1.0	1.0	1.0	1.0	1.0
Replace fork lock		2330	0.3	0.3	0.3	0.3	0.3	0.3
Adjust steering head bearing		2290	0.4	0.4	0.4	0.4	0.4	0.4
Change front fork oil		---	0.5	0.5	0.5	0.5	0.7	0.7
Service fork slider and/or seal – includes removal, disassembly, cleaning, inspection, replacing parts, servicing damper tube, replacing bushings, assembly and installation	one side	2341	0.7	0.7	0.7	0.7	0.9	0.9

Table 4-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			HFH	HFJ	HHH	HHJ	HPH	HPJ
Service fork slider and/or seal – includes removal, disassembly, cleaning, inspection, replacing parts, servicing damper tube, replacing bushings, assembly and installation	both sides	2342	1.5	1.5	1.5	1.5	1.7	1.7
Replace fork slider	one side	2346	0.6	0.6	0.6	0.6	0.8	0.8
Replace fork slider	both sides	2351	0.8	0.8	0.8	0.8	1.0	1.0
Replace fork tube – includes removal, disassembly, cleaning, inspection, replacing parts, servicing damper tube, replacing bushings, assembly and installation	one side	2356	0.7	0.7	0.7	0.7	0.9	0.9
Replace fork tube – includes removal, disassembly, cleaning, inspection, replacing parts, servicing damper tube, replacing bushings, assembly and installation	both sides	2361	1.1	1.1	1.1	1.1	1.5	1.5
Replace rear swing arm-complete		2359	1.5	1.5	1.5	1.5	1.5	1.5
Replace rear swing arm bearings	both sides	2366	2.2	2.2	2.2	2.2	2.2	2.2
Replace passenger foot peg mount	left side	2393	0.1	0.1	0.1	0.1	0.1	0.1
Replace passenger foot peg mount	right side	2310	0.1	0.1	0.1	0.1	0.1	0.1
Replace rear shock absorber assembly	left side	2371	0.1	0.1	0.1	0.1	0.1	0.1
Replace rear shock absorber assembly	right side	2376	0.2	0.2	0.2	0.2	0.2	0.2
Replace shock bushing – includes removing shock	left side	2382	0.2	0.2	0.2	0.2	0.2	0.2
Replace shock bushing – includes removing shock	right side	2383	0.3	0.3	0.3	0.3	0.3	0.3
Replace jiffy stand/spring		2396	0.2	0.2	0.2	0.2	0.2	0.2
Replace engine mount	front	2398	1.2	1.2	1.2	1.2	1.2	1.2
Replace lower frame rail	left side	2345	1.0	1.0	1.0	1.0	1.0	1.0
Replace lower frame rail	right side	2347	0.7	0.7	0.7	0.7	0.7	0.7
BRAKES								
Replace hydraulic brake line Non-ABS Note:Does not include brake bleeding.	front	2406	0.4	0.4	0.4	0.4	0.4	0.4

HFH = VRSCAW

HFJ = VRSCAW 105

HHH = VRSCDX

HHJ = VRSCDX 105

HPH = VRSCF

HPJ = VRSCF 105

Table 4-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			HFH	HFJ	HHH	HHJ	HPH	HPJ
Replace hydraulic brake line Non-ABS Note:Does not include brake bleeding.	rear	2411	0.5	0.5	0.5	0.5	0.5	0.5
Replace brake pads	front both sides	2416	0.3	0.3	0.3	0.3	0.3	0.3
Replace brake pads	rear	2421	0.2	0.2	0.2	0.2	0.2	0.2
Replace caliper Note:Does not include brake bleeding.	front	2426	0.4	0.4	0.4	0.4	0.4	0.4
Replace caliper Note:Does not include brake bleeding.	rear	2431	0.5	0.5	0.5	0.5	0.5	0.5
Replace brake disc	front	2436	0.4	0.4	0.4	0.4	0.4	0.4
Replace brake disc	rear	2441	0.6	0.6	0.6	0.6	0.6	0.6
Replace master cylinder cover/gasket.	front or rear	2479	0.2	0.2	0.2	0.2	0.2	0.2
Bleed brake system Non-ABS	front	2442	0.3	0.3	0.3	0.3	0.3	0.3
Bleed brake system Non-ABS	rear	2443	0.2	0.2	0.2	0.2	0.2	0.2
Bleed brake system ABS-only	(front or rear, ABS models only includes system verification with Digital Technician II)	2446	0.6	0.6	0.6	0.6	0.6	0.6
Replace hydraulic brake line (ABS vehicles only) Note:Does not include brake bleeding.	front, mastercylinder to ABS unit, (ABS vehicles only)	2463	1.2	1.2	1.2	1.2	1.2	1.2
Replace hydraulic brake line (ABS vehicles only) Note:Does not include brake bleeding.	rear, master cylinder to ABS unit, (ABS vehicles only)	2464	0.7	0.7	0.7	0.7	0.7	0.7
Replace hydraulic brake line (ABS vehicles only) Note:Does not include brake bleeding.	front, ABS unit to calipers, (ABS vehicles only)	2465	1.2	1.2	1.2	1.2	1.2	1.2
Replace hydraulic brake line (ABS vehicles only) Note:Does not include brake bleeding.	rear, ABS unit to rear caliper, (ABS vehicles only)	2467	1.3	1.3	1.3	1.3	1.3	1.3
Replace front brake line manifold or seal washers (ABS vehicles only) Note:Does not include brake bleeding.	includes replacing all seal washers (ABS vehicles only)	2468	0.5	0.5	0.5	0.5	0.5	0.5
Replace ABS HCU (hydraulic control unit) Note:Does not include brake bleeding.		2473	1.3	1.3	1.3	1.3	1.3	1.3

Table 4-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			HFH	HFJ	HHH	HHJ	HPH	HPJ
Replace master cylinder assembly Note:Does not include brake bleeding.	front	2461	0.4	0.4	0.4	0.4	0.4	0.4
Replace master cylinder assembly Note:Does not include brake bleeding.	rear	2466	0.5	0.5	0.5	0.5	0.5	0.5
Rebuild master cylinder assembly Note:Does not include brake bleeding.	front	2471	0.6	0.6	0.6	0.6	0.6	0.6
Rebuild master cylinder assembly Note:Does not include brake bleeding.	rear	2476	0.6	0.6	0.6	0.6	0.6	0.6
Replace rear brake pedal		2492	0.2	0.2	0.2	0.2	0.2	0.2
Replace rear brake reservoir hose		2414	0.2	0.2	0.2	0.2	0.2	0.2
Replace rear reservoir tank only		2418	0.2	0.2	0.2	0.2	0.2	0.2
Replace brake caliper screen		2428	0.1	0.1	0.1	0.1	0.1	0.1
SEATS/COSMETIC COVERS/FUEL TANK/VISOR KIT								
Replace seat/lanyard		2506	0.1	0.1	0.1	0.1	0.1	0.1
Replace passenger seat		2586	0.1	0.1	0.1	0.1	0.1	0.1
Replace seat strap		2588	0.1	0.1	0.1	0.1	0.1	0.1
Replace rear fender, outer		2537	0.2	0.2	0.2	0.2	0.2	0.2
Replace rear fender support		2536	0.5	0.5	0.5	0.5	0.5	0.5
Replace side covers, left or right/rubber mount		2520	0.1	0.1	0.1	0.1	0.1	0.1
Replace air box cover/rubber mount		2521	0.1	0.1	0.1	0.1	0.2	0.2
Replace front fender/chrome bracket/painted bracket		2522	0.2	0.2	0.2	0.2	0.1	0.1
Replace radiator trim cover	one side	2523	0.1	0.1	0.1	0.1	0.1	0.1
Replace radiator cover		2524	0.2	0.2	0.2	0.2	0.2	0.2
Replace fuel tank assembly		2541	1.7	1.7	1.7	1.7	1.7	1.7
Replace fuel tank gasket		2548	0.4	0.4	0.4	0.4	0.4	0.4
Replace fuel gauge sending unit		2564	0.5	0.5	0.5	0.5	0.5	0.5

HFH = VRSCAW

HFJ = VRSCAW 105

HHH = VRSCDX

HHJ = VRSCDX 105

HPH = VRSCF

HPJ = VRSCF 105

Table 4-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			HFH	HFJ	HHH	HHJ	HPH	HPJ
Replace license plate bracket		2590	0.3	0.3	0.3	0.3	0.4	0.4
replacing visor kit		2598	---	---	0.2	0.2	---	---
BELTS GUARDS								
Replace sprocket cover		2613	0.1	0.1	0.1	0.1	0.2	0.2
Replace debris deflector		2617	0.1	0.1	0.1	0.1	0.1	0.1
Replace belt guard		2616	0.1	0.1	0.1	0.1	0.1	0.1
EXHAUST SYSTEM								
Replace complete exhaust system and/or gaskets		2626	0.6	0.6	0.6	0.6	0.6	0.6
Replace exhaust pipe – dual exhaust system	front	2631	0.6	0.6	0.6	0.6	0.4	0.4
Replace exhaust pipe – dual exhaust system	rear	2636	0.6	0.6	0.6	0.6	0.4	0.4
Replace auxiliary volume/front clamp		2638	0.5	0.5	0.5	0.5	0.5	0.5
Replace any muffler/clamp		2646	0.2	0.2	0.2	0.2	0.2	0.2
Replace any exhaust shield		2661	0.1	0.1	0.2	0.2	0.1	0.1
Replace muffler support		2666	0.6	0.6	0.6	0.6	0.5	0.5
Replace muffler end caps (both)		2601	0.2	0.2	0.2	0.2	0.2	0.2
Replace heat shield screws		2664	0.1	0.1	0.1	0.1	0.1	0.1

Table 4-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			HFH	HFJ	HHH	HHJ	HPH	HPJ
GENERAL								
Remove and install engine		3006	3.5	3.5	3.5	3.5	3.5	3.5
Check compression/leak down	front only	3020	0.4	0.4	0.4	0.4	0.4	0.4
Check compression/leak down	rear only	3021	0.2	0.2	0.2	0.2	0.2	0.2
Check compression/leak down	both	3022	0.5	0.5	0.5	0.5	0.5	0.5
Remove oil pan/inspection	includes gasket replacement	3009	0.4	0.4	0.4	0.4	0.4	0.4
Replace pan gasket		3030	0.4	0.4	0.4	0.4	0.4	0.4
Replace alternator cover/gasket		3040	0.3	0.3	0.3	0.3	0.5	0.5
Replace derby cover/o-ring		3042	0.1	0.1	0.1	0.1	0.1	0.1
Change shim/check clearence	one shim	3044	0.2	0.2	0.2	0.2	0.2	0.2
CYLINDER HEAD								
Recondition cylinder head-includes removal of head and gasket (Non Warranty Procedures)	front head	3101	5.7	5.7	5.7	5.7	5.7	5.7
Recondition cylinder head-includes removal of head and gasket (Non Warranty Procedures)	rear head	3103	6.5	6.5	6.5	6.5	6.5	6.5
Recondition cylinder head-includes removal of head and gasket (Non Warranty Procedures)	both heads	3104	6.7	6.7	6.7	6.7	6.7	6.7
Replace cylinder head/engine removal not required for frt cylinder head	one head	3106	3.5	3.5	3.5	3.5	3.5	3.5
Replace cylinder head/engine removal not required for frt cylinder head	both heads	3108	4.7	4.7	4.7	4.7	4.7	4.7
Replace valve seal or spring after cylinder head removal	one seal or spring (intake or exhaust)	3131	0.1	0.1	0.1	0.1	0.1	0.1
Replace valve seal or spring after cylinder head removal	all seals and springs, one head	3132	0.4	0.4	0.4	0.4	0.4	0.4
Replace cylinder head gasket	front cylinder engine not removed	3140	3.0	3.0	3.0	3.0	3.0	3.0
Replace cylinder head gasket	rear or both cylinders including engine removal	3142	4.2	4.2	4.2	4.2	4.2	4.2
Replace secondary cam chain tensioner	both	3155	0.3	0.3	0.3	0.3	0.3	0.3

HFH = VRSCAW

HFJ = VRSCAW 105

HHH = VRSCDX

HHJ = VRSCDX 105

HPH = VRSCF

HPJ = VRSCF 105

Table 4-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			HFH	HFJ	HHH	HHJ	HPH	HPJ
Replace secondary guide	front	3156	4.0	4.0	4.0	4.0	4.2	4.2
Replace secondary guide	rear	3157	4.3	4.3	4.3	4.3	4.5	4.5
Replace camshaft/sprocket		3158	1.5	1.5	1.5	1.5	1.5	1.5
Replace secondary cam chain	could be done in chassis; remove engine if heads are damaged	3159	1.7	1.7	1.7	1.7	1.7	1.7
CYLINDER AND PISTON								
Replace piston rings – includes deglazing cylinder	one cylinder	3206	9.8	9.8	9.8	9.8	9.8	9.8
Replace piston rings – includes deglazing cylinder	both cylinders	3216	10.0	10.0	10.0	10.0	10.0	10.0
Replace piston and piston rings – includes removal of cylinder head and fitting new piston with rings	one cylinder	3221	9.8	9.8	9.8	9.8	9.8	9.8
Replace piston and piston rings – includes removal of cylinder head and fitting new piston with rings	both cylinders	3231	10.0	10.0	10.0	10.0	10.0	10.0
Replace cylinder liner and piston	one cylinder	3237	0.1	0.1	0.1	0.1	0.1	0.1
Deglaze/measure one cylinder		3238	0.2	0.2	0.2	0.2	0.2	0.2
CAM COVER								
Replace cam cover/gasket, lower	front	3319	1.2	1.2	1.2	1.2	1.3	1.3
Replace cam cover/gasket, lower	rear	3320	1.2	1.2	1.2	1.2	1.3	1.3
Replace cam cover/gasket, lower	both	3321	1.4	1.4	1.4	1.4	1.5	1.5
Replace cam cover/gasket, upper	front	3322	1.1	1.1	1.1	1.1	1.2	1.2
Replace cam cover/gasket, upper	rear	3324	1.1	1.1	1.1	1.1	1.2	1.2
Replace cam cover/gasket, upper	both	3329	1.2	1.2	1.2	1.2	1.3	1.3
Replace cam cover gasket, inner	front	3330	1.2	1.2	1.2	1.2	1.3	1.3
Replace cam cover gasket, inner	rear	3332	1.2	1.2	1.2	1.2	1.3	1.3
Replace cam cover gasket, inner	both	3334	1.4	1.4	1.4	1.4	1.5	1.5
Replace secondary top guide		3350	1.2	1.2	1.2	1.2	1.3	1.3

Table 4-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			HFH	HFJ	HHH	HHJ	HPH	HPJ
CRANKCASE								
Replace crankcases	includes remove and install engine	3406	11.0	11.0	11.0	11.0	11.0	11.0
Seal crankcase only		3407	4.9	4.9	4.9	4.9	4.9	4.9
Replace crankshaft	includes remove and install engine	3470	6.1	6.1	6.1	6.1	6.1	6.1
Remove primary crank gear from crank	add to crankshaft replacement	3471	0.2	0.2	0.2	0.2	0.2	0.2
Replace primary cam chain tensioner		3472	0.4	0.4	0.4	0.4	0.6	0.6
Replace primary cam chain guide		3473	0.4	0.4	0.4	0.4	0.6	0.6
Replace primary cam chain	can be done in chassis, depends on damage	3474	1.9	1.9	1.9	1.9	2.1	2.1
Recondition cylinder head-head removed (for non-related repairs)	one head	3425	1.7	1.7	1.7	1.7	1.7	1.7
Replace oil pump and/or O-rings		3341	0.8	0.8	0.8	0.8	0.8	0.8
Replace main bearing shell		3475	4.9	4.9	4.9	4.9	4.9	4.9
Replace connecting rod		3476	10.0	10.0	10.0	10.0	10.0	10.0
Replace limiter assembly		3477	0.5	0.5	0.5	0.5	0.7	0.7
Replace gear, ball clutch		3478	0.6	0.6	0.6	0.6	0.8	0.8
Replace o-ring, VSS		3481	0.1	0.1	0.1	0.1	0.1	0.1
Replace o-ring, CPS		3482	0.2	0.2	0.2	0.2	0.2	0.2
Replace dipstick		3480	0.1	0.1	0.1	0.1	0.1	0.1
BALANCER SYSTEM								
Replace balancer shaft/crankcase bearing	includes bearings, outer and inner	3450	7.2	7.2	7.2	7.2	7.2	7.2
Replace primary crank gear	engine can stay in frame	3451	1.3	1.3	1.3	1.3	1.3	1.3
Replace balancer shaft gear/bolt	engine can stay in frame	3453	1.1	1.1	1.1	1.1	1.1	1.1
FUEL SYSTEM								
Replace air cleaner bottom		3545	0.2	0.2	0.2	0.2	0.3	0.3
Replace air cleaner cover/snorkel		3547	0.1	0.1	0.1	0.1	0.2	0.2
Filter element cap		3549	0.1	0.1	0.1	0.1	0.2	0.2

HFH = VRSCAW

HFJ = VRSCAW 105

HHH = VRSCDX

HHJ = VRSCDX 105

HPH = VRSCF

HPJ = VRSCF 105

Table 4-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			HFH	HFJ	HHH	HHJ	HPH	HPJ
Replace filter element		3551	0.1	0.1	0.1	0.1	0.2	0.2
Replace bottom to upper seal		3553	0.1	0.1	0.1	0.1	0.2	0.2
Replace air cleaner bottom gasket to throttle body		3555	0.2	0.2	0.2	0.2	0.3	0.3
Replace velocity stack		3557	0.2	0.2	0.2	0.2	0.3	0.3
Replace fuel rail		3559	0.6	0.6	0.6	0.6	0.7	0.7
Throttle body boot/clamp		3561	0.5	0.5	0.5	0.5	0.6	0.6
Replace fuel line	one or both lines	3563	0.3	0.3	0.3	0.3	0.5	0.5
Replace throttle body		3565	0.4	0.4	0.4	0.4	0.6	0.6
Replace breather hose	inside air box	3567	0.1	0.1	0.1	0.1	0.2	0.2
Replace breather hose	front	3569	0.2	0.2	0.2	0.2	0.2	0.2
Replace breather hose	rear	3571	0.1	0.1	0.1	0.1	0.2	0.2
EVAPORATIVE EMISSIONS SYSTEM								
Replace canister	California vehicles only	3527	0.2	---	0.2	---	0.2	---
Replace any one hose	California vehicles only	3529	0.1	---	0.1	---	0.1	---
Replace evaporative purge solenoid	California vehicles only	3522	0.4	---	0.4	---	0.4	---

Table 4-4. Clutch

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			HFH	HFJ	HHH	HHJ	HPH	HPJ
CLUTCH								
Replace clutch master cylinder		4020	0.4	0.4	0.4	0.4	0.4	0.4
Replace clutch secondary actuator cylinder		4022	0.3	0.3	0.3	0.3	0.3	0.3
Clutch service	includes disassembly, cleaning, inspection, repair, assembly, replacement of friction plates	4011	1.5	1.5	1.5	1.5	1.5	1.5
Replace clutch release bearing		4016	0.5	0.5	0.5	0.5	0.5	0.5
Bleed clutch system for air		4024	0.2	0.2	0.2	0.2	0.2	0.2
Replace clutch cover/gasket		4026	0.8	0.8	0.8	0.8	0.8	0.8
Replace clutch line		4028	0.5	0.5	0.5	0.5	0.5	0.5
Replace clutch complete	new clutch assembly, exhaust removal	4030	1.2	1.2	1.2	1.2	1.2	1.2
Replace secondary actuator cylinder cover		4032	0.1	0.1	0.1	0.1	0.1	0.1

HFH = VRSCAW

HFJ = VRSCAW 105

HHH = VRSCDX

HHJ = VRSCDX 105

HPH = VRSCF

HPJ = VRSCF 105

Table 4-5. Transmission

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			HFH	HFJ	HHH	HHJ	HPH	HPJ
TRANSMISSION								
Overhaul transmission	includes disassembly, cleaning, inspection, replacing all parts. includes engine removal	4306	7.8	7.8	7.8	7.8	7.8	7.8
Replace transmission complete		4305	6.3	6.3	6.3	6.3	6.3	6.3
Replace input shaft		4322	6.3	6.3	6.3	6.3	6.3	6.3
Replace output shaft		4323	6.4	6.4	6.4	6.4	6.4	6.4
Replace shift actuator assembly		4324	7.4	7.4	7.4	7.4	7.4	7.4
Replace output shaft flange/seal		4325	0.6	0.6	0.6	0.6	0.6	0.6
Replace shaft end bearing	add to job, per bearing	4326	0.2	0.2	0.2	0.2	0.2	0.2
Replace shifter drum/shaft	includes removal and installation	4331	7.2	7.2	7.2	7.2	7.2	7.2
Replace shifter forks and/or shaft	includes checking gear engagement	4343	7.2	7.2	7.2	7.2	7.2	7.2
Replace plastic cap		4371	0.2	0.2	0.2	0.2	0.2	0.2
Replace shift pedal and/or lever		4372	0.2	0.2	0.2	0.2	0.2	0.2
Replace transmission shifter shaft seal	engine removal is not necessary	4390	0.3	0.3	0.3	0.3	0.3	0.3
Replace shift shaft	engine removal is not necessary	4386	0.3	0.3	0.3	0.3	0.3	0.3
Replace shift linkage		4388	0.1	0.1	0.1	0.1	0.1	0.1

Table 4-6. OEM Accessories

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			HFH	HFJ	HHH	HHJ	HPH	HPJ
ACCESSORIES								
Replace windshield		6203	---	---	---	---	---	---
Replace mirror		6513	0.1	0.1	0.1	0.1	0.1	0.1
Air box cover emblems/medallion	one letter	6548	0.1	0.1	0.1	0.1	0.1	0.1
Air box cover emblems/medallion	three letters or more	6549	0.3	0.3	0.3	0.3	0.3	0.3

HFH = VRSCAW

HFJ = VRSCAW 105

HHH = VRSCDX

HHJ = VRSCDX 105

HPH = VRSCF

HPJ = VRSCF 105

Table 4-7. Cooling

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			HFH	HFJ	HHH	HHJ	HPH	HPJ
COOLING								
Replace radiator assembly		4501	1.0	1.0	1.0	1.0	1.0	1.0
Replace radiator	oil lines and oil cooler removed	4503	1.3	1.3	1.3	1.3	1.3	1.3
Replace coolant hose/engine in		4505	0.8	0.8	0.8	0.8	0.8	0.8
Replace coolant pipe/engine in		4507	1.1	1.1	1.1	1.1	1.1	1.1
Replace coolant hose/engine out		4509	0.8	0.8	0.8	0.8	0.8	0.8
Replace coolant pipe/engine out		4511	1.1	1.1	1.1	1.1	1.1	1.1
Replace any clamp		4513	0.1	0.1	0.1	0.1	0.1	0.1
Replace shrink clamp	on any one coolant pipe	4515	1.1	1.1	1.1	1.1	1.1	1.1
Replace water pump/gasket/cover o-ring		4517	2.3	2.3	2.3	2.3	2.3	2.3
Replace thermostat/housing/gasket/o-rings		4519	1.2	1.2	1.2	1.2	1.2	1.2
Replace radiator cover		4521	0.2	0.2	0.2	0.2	0.2	0.2
Replace radiator trim cover		4523	0.1	0.1	0.1	0.1	0.1	0.1
Replace oil cooler		4525	0.8	0.8	0.8	0.8	0.8	0.8
Replace oil pipe/outlet		4527	0.8	0.8	0.8	0.8	0.8	0.8
Replace oil pipe/inlet		4529	0.8	0.8	0.8	0.8	0.8	0.8
Replace oil pipe connector/inlet		4531	0.2	0.2	0.2	0.2	0.2	0.2
Replace oil pipe connector outlet		4532	0.5	0.5	0.5	0.5	0.5	0.5
Replace oil filter mount		4533	0.6	0.6	0.6	0.6	0.6	0.6
Replace radiator cap		4535	0.1	0.1	0.1	0.1	0.2	0.2
Replace hose from cap to over flow bottle		4537	0.1	0.1	0.1	0.1	0.2	0.2
Replace coolant overflow bottle		4539	0.2	0.2	0.2	0.2	0.3	0.3
Replace overflow hose		4541	0.3	0.3	0.3	0.3	0.4	0.4
Replace hose trim cover		4543	0.1	0.1	0.1	0.1	0.1	0.1

Table 4-8. Electrical - General

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			HFH	HFJ	HHH	HHJ	HPH	HPJ
INSTRUMENTS								
Replace speedometer	Cosmetic issue	6003	0.1	0.1	0.1	0.1	0.1	0.1
Replace bezel/housing		6044	0.1	0.1	0.1	0.1	0.1	0.1
WIRING								
Replace connector housing		5022	0.1	0.1	0.1	0.1	0.1	0.1
Replace connector anchor		5023	0.1	0.1	0.1	0.1	0.1	0.1
Replace main wiring harness		5026	2.1	2.1	2.1	2.1	2.1	2.1
Replace fuse (front or rear)		5145	0.1	0.1	0.1	0.1	0.1	0.1
Replace fuse block		5196	0.4	0.4	0.4	0.4	0.4	0.4
SWITCHES								
Replace ignition switch		5129	0.1	0.1	0.1	0.1	0.1	0.1
Replace right upper handlebar switch		5173	0.7	0.7	0.7	0.7	0.7	0.7
Replace left upper handlebar switch housing		5177	0.2	0.2	0.2	0.2	0.2	0.2
Replace left lower handlebar switch housing		5178	0.2	0.2	0.2	0.2	0.7	0.7
Replace right upper handlebar switch housing		5179	0.2	0.2	0.2	0.2	0.2	0.2
Replace right lower handlebar switch housing		5180	0.4	0.4	0.4	0.4	0.7	0.7
LIGHTS								
Replace headlight bracket	Includes adjustment	5181	0.2	0.2	0.3	0.3	0.2	0.2
Replace headlight housing	Includes adjustment	5189	0.2	0.2	0.1	0.1	0.1	0.1
Replace turn signal light assembly	Front	5201	0.5	0.5	0.5	0.5	0.7	0.7
Replace turn signal light assembly	Rear	5205	0.3	0.3	0.3	0.3	0.2	0.2
License plate bracket		5237	0.3	0.3	0.3	0.3	0.3	0.3
BATTERY								
Replace the battery(including caddy)		5705	0.4	0.4	0.4	0.4	0.5	0.5

HFH = VRSCAW

HFJ = VRSCAW 105

HHH = VRSCDX

HHJ = VRSCDX 105

HPH = VRSCF

HPJ = VRSCF 105

Table 4-9. VRSC Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			HFH	HFJ	HHH	HHJ	HPH	HPJ
NOTE: The diagnostic/replacement operations and times listed on the following pages have been created for your use. The codes must be used in conjunction with the repair procedures listed in the current VRSCA Service Manual, and diagnostics performed through the use of Digital Technician and Electrical Diagnostics Manual.								
DIAGNOSTICS GENERAL								
Repair any single wire	Light circuit	5039	0.5	0.5	0.5	0.5	0.5	0.5
Repair any single wire	Accessory circuit	5043	0.5	0.5	0.5	0.5	0.5	0.5
Repair any single wire	All wires except lighting and accessory circuits	5041	0.5	0.5	0.5	0.5	0.6	0.6
Replace position lamp	Position lamp inoperative	5143	0.1	0.1	0.1	0.1	0.1	0.1
Replace headlight	Headlamp inoperative	5185	0.1	0.1	0.1	0.1	0.1	0.1
Replace taillight light bulb or lens	Running lamps inoperative	5197	0.1	0.1	0.1	0.1	---	---
Replace tail lamp assembly	Headlamp inoperative, stop lamp inoperative	5215	0.3	0.3	0.3	0.3	0.4	0.4
License plate bracket light	Running lamps inoperative	5239	0.2	0.2	0.2	0.2	0.3	0.3
Replace horn and/or bracket	Horn inoperative	5765	0.2	0.2	0.2	0.2	0.2	0.2
Replace fan	IM inoperative, P1481	6054	0.8	0.8	0.8	0.8	0.9	0.9
Repair engine compression; use in conjunction with additional code(s)	Engine cranks but will not start	7210	0.6	0.6	0.6	0.6	0.8	0.8
Code not present	B1006, B0563, P0562, P0563, C0563	7770	0.3	0.3	0.3	0.3	0.4	0.4
System OK	P0605	7916	0.3	0.3	0.3	0.3	0.4	0.4
Code not present	P0603	7931	0.2	0.2	0.2	0.2	0.3	0.3
SWITCHES								
Replace rear stoplight switch Note:Does not include brake bleeding.	Stop lamp inoperative	5141	0.4	0.4	0.8	0.8	0.8	0.8
Replace neutral switch	Nothing clicks, neutral lamp always on, neutral lamp inoperative, B1155	5157	0.5	0.5	0.5	0.5	0.6	0.6
Replace oil pressure switch	Oil pressure lamp always on, oil pressure lamp inoperative	5161	0.4	0.4	0.4	0.4	0.6	0.6
Replace clutch switch	Nothing clicks, B1154	5168	0.7	0.7	0.7	0.7	0.8	0.8

Table 4-9. VRSC Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			HFH	HFJ	HHH	HHJ	HPH	HPJ
Replace left upper handlebar switch	Horn always on, horn inoperative, headlamp inoperative	5171	0.5	0.5	0.5	0.5	0.5	0.5
Replace front brake light switch	Stop lamp inoperative	5176	0.6	0.6	0.6	0.6	0.6	0.6
Replace start button	Starter testing, nothing clicks	5818	0.9	0.9	0.9	0.9	1.0	1.0
Replace trip switch	B1008	6001	0.4	0.4	0.4	0.4	0.4	0.4
Replace trip switch boot	B1008	6002	0.1	0.1	0.1	0.1	0.1	0.1
Replace turn signal switch	Both lamps on one side inoperative	6811	0.7	0.7	0.7	0.7	0.8	0.8
Replace engine stop switch	Serial data missing	6730	0.9	0.9	0.9	0.9	1.0	1.0
Replace engine stop switch	No check engine lamp	7295	0.8	0.8	0.8	0.8	0.9	0.9
Replace ignition switch	Starter testing, serial data missing, no check engine lamp, stop lamp inoperative, IM inoperative	7287	0.5	0.5	0.5	0.5	0.6	0.6
FUSES AND RELAYS								
Replace fan relay	P1481, P1482	6051	0.2	0.2	0.2	0.2	0.3	0.3
Harness inspection/wiggle test/Replace battery fuse	P1481	6053	0.3	0.3	0.3	0.3	0.4	0.4
Replace battery fuse	U1064	6713	0.4	0.4	0.4	0.4	0.5	0.5
Replace battery fuse	U1096, U1255	7159	0.5	0.5	0.5	0.5	0.6	0.6
Inspect main wire harness/wiggle test/replace ignition fuse	Serial data missing	6729	0.3	0.3	0.3	0.3	0.4	0.4
Inspect harness/wiggle test/replace main fuse	Serial data missing	6733	0.3	0.3	0.3	0.3	0.4	0.4
Replace fuse	Engine cranks but will not start	7181	0.2	0.2	0.2	0.2	0.3	0.3
Replace accessory fuse	No check engine lamp	7313	0.3	0.3	0.3	0.3	0.4	0.4
Harness inspection/wiggle test/replace ECM fuse	P1003, P1351, P1354	7937	0.4	0.4	0.4	0.4	0.5	0.5
Replace starter relay	Starter testing, nothing clicks	5832	0.3	0.3	0.3	0.3	0.4	0.4
Replace starter relay	B1134	6841	0.4	0.4	0.4	0.4	0.5	0.5
Replace system relay	Serial data missing	6734	0.3	0.3	0.3	0.3	0.4	0.4
Replace system relay	P1001, P1003	7904	0.4	0.4	0.4	0.4	0.5	0.5
Replace system relay	P1002, P1004	7909	0.2	0.2	0.2	0.2	0.3	0.3

HFH = VRSCAW

HFJ = VRSCAW 105

HHH = VRSCDX

HHJ = VRSCDX 105

HPH = VRSCF

HPJ = VRSCF 105

Table 4-9. VRSC Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			HFH	HFJ	HHH	HHJ	HPH	HPJ
CHARGING CIRCUIT								
Milliamp draw	Low battery after extended ignition off	5308	0.3	0.3	0.3	0.3	0.4	0.4
Replace stator	Low or no charging	5309	0.8	0.8	0.8	0.8	1.0	1.0
Total current draw	Diagnose charging system	5310	0.4	0.4	0.4	0.4	0.4	0.4
AC output	Diagnose charging system	5314	0.8	0.8	0.8	0.8	0.8	0.8
Replace voltage regulator	No or low charging, overcharging	5316	0.8	0.8	0.8	0.8	0.8	0.8
Replace voltage regulator	Serial data missing	6724	0.5	0.5	0.5	0.5	0.6	0.6
Replace rotor	No or low charging	5319	0.9	0.9	0.9	0.9	1.1	1.1
Replace battery	Engine cranks but will not start	7185	0.3	0.3	0.3	0.3	0.5	0.5
Repair charging system/accompanies other codes	B1007, B0563, P0562, P0563, C0562, C0563	7771	0.2	0.2	0.2	0.2	0.3	0.3
STARTER CIRCUIT								
Replace starter motor	Solenoid clicks	5817	0.8	0.8	0.8	0.8	0.8	0.8
Replace starter motor	Starter spins, but does not engage	5825	0.9	0.9	0.9	0.9	0.9	0.9
Replace limiter assembly	Starter spins	5837	0.3	0.3	0.3	0.3	0.5	0.5
Replace ball clutch assembly	Starter runs on	5839	0.6	0.6	0.6	0.6	0.8	0.8
Replace starter solenoid	Starter testing, starter relay clicks	5845	0.6	0.6	0.6	0.6	0.8	0.8
Repair starting system, use in conjunction with additional code(s)	Engine cranks but will not start	7166	0.2	0.2	0.2	0.2	0.3	0.3
IGNITION CIRCUIT								
Replace spark plugs	Misfire at idle or under load, rough or rolling idle	7134	0.7	0.7	0.7	0.7	0.9	0.9
Replace spark plugs	Engine cranks but will not start	7520	0.6	0.6	0.6	0.6	0.8	0.8
Replace spark plug	P1353, P1357	7536	0.5	0.5	0.5	0.5	0.7	0.7
Replace spark plug	P1356, P1358	7548	0.3	0.3	0.3	0.3	0.5	0.5
Replace ignition coil	Misfire at idle or under load, rough or rolling idle	7139	0.7	0.7	0.7	0.7	0.9	0.9
Replace front ignition coil	P1353, P1357	7531	0.6	0.6	0.6	0.6	0.8	0.8
Replace ignition coil	P1356, P1358	7532	0.3	0.3	0.3	0.3	0.5	0.5

Table 4-9. VRSC Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			HFH	HFJ	HHH	HHJ	HPH	HPJ
Replace ignition coil	P1354, P1355	7856	0.5	0.5	0.5	0.5	0.7	0.7
Replace ignition coil	Engine cranks but will not start, P1351, P1352	7858	0.6	0.6	0.6	0.6	0.8	0.8
AIR INTAKE								
Repair intake leak	P0131, P0151	7486	1.0	1.0	1.0	1.0	1.2	1.2
FUEL SYSTEM								
Replace fuel level sensor	B1004, B1005, stop lamp inoperative	6035	0.5	0.5	0.5	0.5	0.5	0.5
Replace purge solenoid	P0444, P0445	6861	0.4	0.4	0.4	0.4	0.5	0.5
Replace fuel filter or clean fuel pump screen	Misfire at idle or under load, rough or rolling idle, starts - then stalls, engine cranks but will not start, P1353, P1356-P1358	7013	1.1	1.1	1.1	1.1	1.1	1.1
Repair or replace fuel pump, hoses, or filter - fuel delivery failure	Misfire at idle or under load, rough or rolling idle, starts - then stalls, engine cranks but will not start, P1353, P1356-P1358	7014	1.1	1.1	1.1	1.1	1.3	1.3
Replace fuel filter screen	P0131, P0151	7163	1.0	1.0	1.0	1.0	1.0	1.0
Repair/Replace fuel pump/pressure regulator/fuel line/fuel filter	P0131, P0132, P0151, P0152	7164	1.0	1.0	1.0	1.0	1.0	1.0
Replace fuel injector	Misfire at idle or under load, Rough or rolling idle, P0131, P0132, P0151, P0152	7144	1.1	1.1	1.1	1.1	1.3	1.3
Replace fuel injector	Emits black smoke, P0261-P0264	7596	0.6	0.6	0.6	0.6	0.8	0.8
Replace fuel injector	Engine cranks but will not start	7992	0.8	0.8	0.8	0.8	1.0	1.0
Replace fuel pump	Engine cranks but will not start	7415	0.4	0.4	0.4	0.4	0.4	0.4
Replace fuel pressure regulator	Emits black smoke	7480	0.6	0.6	0.6	0.6	0.6	0.6
SENSORS AND ECM								
Replace jiffy stand sensor	P1501, P1502	5085	0.4	0.4	0.4	0.4	0.4	0.4
IAC system OK, may use with other codes	P0505	7028	0.5	0.5	0.5	0.5	0.7	0.7
Replace idle air control (IAC)	P0505	7490	0.5	0.5	0.5	0.5	0.7	0.7
Replace engine temperature (ET) sensor	Emits black smoke	7598	0.7	0.7	0.7	0.7	0.9	0.9
Replace engine temperature (ET) sensor	P0117, P0118	7710	0.6	0.6	0.6	0.6	0.8	0.8

HFH = VRSCAW

HFJ = VRSCAW 105

HHH = VRSCDX

HHJ = VRSCDX 105

HPH = VRSCF

HPJ = VRSCF 105

Table 4-9. VRSC Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			HFH	HFJ	HHH	HHJ	HPH	HPJ
Replace oxygen sensor	P0131, P0132, P0134, P0151, P0152, P0154	7667	0.6	0.6	0.6	0.6	0.7	0.7
Replace intake air temp (IAT) sensor	P0112, P0113	7725	0.3	0.3	0.3	0.3	0.5	0.5
Replace intake air temp (IAT) sensor	P0112, P0113	7760	0.4	0.4	0.4	0.4	0.6	0.6
Replace crankshaft position (CKP) sensor	P0373, P0374	7981	0.4	0.4	0.4	0.4	0.5	0.5
Clean or repair crankshaft position (CKP) sensor	P0373, P0374	7982	0.3	0.3	0.3	0.3	0.4	0.4
Replace MAP Sensor	Misfire at idle or under load, rough or rolling idle	7152	1.1	1.1	1.1	1.1	1.3	1.3
Replace MAP Sensor	Emits black smoke, P0107, P0108, P0122	7597	0.6	0.6	0.6	0.6	0.8	0.8
Replace MAP Sensor	P0107	7630	0.5	0.5	0.5	0.5	0.7	0.7
Replace throttle position sensor	P0122	7590	0.8	0.8	0.8	0.8	1.0	1.0
Replace throttle position sensor	Engine cranks but will not start, P0122, P0123	7595	0.5	0.5	0.5	0.5	0.7	0.7
Clean or Repair vehicle speed sensor (VSS)	P0501	7939	0.4	0.4	0.4	0.4	0.5	0.5
Replace vehicle speed sensor (VSS)	P0501, P0502	7967	0.4	0.4	0.4	0.4	0.5	0.5
Replace ECM	Misfire at idle or under load, rough or rolling idle	7149	2.0	2.0	2.0	2.0	2.2	2.2
Replace ECM	P1353, P1357	7534	1.0	1.0	1.0	1.0	1.2	1.2
Replace ECM	P0112, P0117, P0123	7555	0.6	0.6	0.6	0.6	0.8	0.8
Replace ECM	P0107, P0108, P0122, P0262, P0264, P1351, P1352, P1354, P1355	7565	0.8	0.8	0.8	0.8	1.0	1.0
Replace ECM	Emits black smoke	7601	0.9	0.9	0.9	0.9	1.1	1.1
Replace ECM	P0261, P0263, P1501, P1502	7850	0.6	0.6	0.6	0.6	0.7	0.7
Replace ECM	P1002	7902	0.5	0.5	0.5	0.5	0.6	0.6
Replace ECM	Starts - then stalls, engine cranks but will not start, serial data missing, no check engine lamp, P0113, P0118, P0373, P0374, P0501, P0502, P0505, P0603, P0605, P1001, P1010, P1356, P1358, U1016, U1064	7913	0.7	0.7	0.7	0.7	0.9	0.9
Replace ECM	P0131, P0132, P0134, P0151, P0152, P0154, P0444, P0445, U1300, U1301, P1481, P1482	7993	0.8	0.8	0.8	0.8	0.9	0.9

Table 4-9. VRSC Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			HFH	HFJ	HHH	HHJ	HPH	HPJ
TURN SIGNALS/INSTRUMENTS/SECURITY SYSTEM								
Perform ECM/ TSM/TSSM/HFSM module replacement procedure	P1009	6701	0.4	0.4	0.4	0.4	0.5	0.5
Replaced TSM/TSSM/HFSM, system now ok	P1009	6702	0.4	0.4	0.4	0.4	0.5	0.5
Replace ECM, remove TSM/TSSM/HFSM	P1009	6703	0.8	0.8	0.8	0.8	0.9	0.9
Replaced TSM/TSSM/HFSM, system now ok	P1010	6707	0.3	0.3	0.3	0.3	0.4	0.4
Replace FOB battery	Fails to disarm	6755	0.1	0.1	0.1	0.1	0.1	0.1
Replace FOB	Fails to disarm	6756	0.1	0.1	0.1	0.1	0.1	0.1
Replace Bulb	B1121, B1122	6796	0.3	0.3	0.3	0.3	---	---
Replace bulb	Flash at double normal rate, one lamp inoperative	6820	0.2	0.2	0.2	0.2	---	---
Remove corrosion	Flash at double normal rate	6821	0.3	0.3	0.3	0.3	0.4	0.4
Remove corrosion/Replace bulb	Flash at double normal rate	6822	0.5	0.5	0.5	0.5	---	---
Replace lamp assembly	Flash at double normal rate, one lamp inoperative, B1121, B1122	6823	0.6	0.6	0.6	0.6	---	---
Replace siren	B1131, B1132	6832	0.5	0.5	0.5	0.5	0.6	0.6
Replace security antenna	Fails to disarm, B1143-B1145	6878	0.3	0.3	0.3	0.3	0.4	0.4
Replace security antenna harness	B1145	6881	0.4	0.4	0.4	0.4	0.5	0.5
Replace tail lamp assembly - VRSCF only	B1123-B1126	6890	---	---	---	---	0.8	0.8
Replace front turn signal module - VRSCF only	Flash at double normal rate, one lamp inoperative, B1123-B1126	6891	---	---	---	---	0.7	0.7
Replace front turn signal lamp - VRSCF only	Flash at double normal rate, headlamp inoperative, B1121, B1122	6892	---	---	---	---	1.5	1.5
Replace front turn signal module and tail lamp assembly - VRSCF only	B1121, B1122	6893	---	---	---	---	0.9	0.9
Replace rear lamp assembly - VRSCF only	Flash at double normal rate, one lamp inoperative	6894	---	---	---	---	0.5	0.5
Replace instrument module	High beam indicator inoperative, turn signal indicator inoperative, B1003	6006	0.2	0.2	0.2	0.2	0.3	0.3
Replace instrument module	B1008	6020	0.1	0.1	0.1	0.1	0.1	0.1

HFH = VRSCAW

HFJ = VRSCAW 105

HHH = VRSCDX

HHJ = VRSCDX 105

HPH = VRSCF

HPJ = VRSCF 105

Table 4-9. VRSC Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			HFH	HFJ	HHH	HHJ	HPH	HPJ
Replace instrument module	B1004	6033	0.2	0.2	0.2	0.2	0.2	0.2
Replace instrument module	U1300, U1301	6039	0.6	0.6	0.6	0.6	0.7	0.7
Replace instrument module	Headlamp inoperative, stop lamp inoperative, serial data missing, B1121, B1122, U1096, U1255	6826	0.5	0.5	0.5	0.5	0.6	0.6
Replace instrument module	No check engine lamp, IM inoperative, oil pressure lamp always on, oil pressure lamp inoperative, neutral lamp always on, neutral lamp inoperative	7311	0.3	0.3	0.3	0.3	0.4	0.4
Replace TSM/TSSM/HFSM	Nothing clicks	5838	0.9	0.9	0.9	0.9	0.9	0.9
Replace TSM/TSSM/HFSM	Fails to disarm	6757	0.3	0.3	0.3	0.3	0.3	0.3
Replace TSM/TSSM/HFSM	Will not cancel upon turn completion	6773	0.9	0.9	0.9	0.9	1.0	1.0
Replace TSM/TSSM/HFSM	Starter inoperative, flash at double normal rate, B1121-B1126, B1134, B1141	6791	0.6	0.6	0.6	0.6	0.7	0.7
Replace TSM/TSSM/HFSM	B1131, B1132	6833	0.7	0.7	0.7	0.7	0.7	0.7
Replace TSM/TSSM/HFSM	Neutral lamp always on, serial data missing, B1135, B1136, B1142, B1154, B1155, U1064, U1255	6845	0.5	0.5	0.5	0.5	0.6	0.6
Replace TSM/TSSM/HFSM	B1143-B1145	6880	0.4	0.4	0.4	0.4	0.5	0.5
Replace TSM/TSSM/HFSM	U1300, U1301	7998	0.8	0.8	0.8	0.8	0.9	0.9
ABS BRAKES								
Replace ABS diode pack	Stop lamp inoperative, C1095, C1216	1404	0.3	0.3	0.3	0.3	0.5	0.5
Replace rear brake lamp switch Note: Includes brake bleeding and verifying system function with Digital Technician II.	C1212, C1214	1409	0.9	0.9	0.9	0.9	0.9	0.9
Faulty wheel speed sensor routing or wiring damage	C1021, C1023, C1025, C1027, C1206, C1208	1411	1.0	1.0	1.0	1.0	1.0	1.0
Worn or damaged wheel bearings or suspension components, may be used in conjunction with other codes	C1021, C1023, C1025, C1027, C1206, C1208	1412	0.2	0.2	0.2	0.2	0.2	0.2
Repair or replace front brake light switch	C1094, C1212	1413	1.1	1.1	1.1	1.1	1.1	1.1

Table 4-9. VRSC Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS					
			HFH	HFJ	HHH	HHJ	HPH	HPJ
Reroute brake lines	C1151, C1153	1418	0.7	0.7	0.7	0.7	0.7	0.7
Replace ABS HCU (Hydraulic control unit) Note: Includes brake bleeding and verifying system function with Digital Technician II.	C1014, C1017, C1018, C0562, C1021, C1023, C1025, C1027, C1032, C1034, C1042, C1043, C1055, C1056, C1057, C1061, C1062, C1065, C1066, C1094, C1095, C1118, C1121, C1151, C1153, C1158, C1206, C1208, C1214, C1216, U1300, U1301	1427	2.1	2.1	2.1	2.1	2.1	2.1
Replace ABS ECU (Electronic control unit) Note: Includes brake bleeding and verifying system function with Digital Technician II.	C1014, C1017, C1018, C0562, C1021, C1023, C1025, C1027, C1032, C1034, C1042, C1043, C1055, C1056, C1057, C1061, C1062, C1065, C1066, C1094, C1095, C1118, C1121, C1151, C1153, C1158, C1206, C1208, C1214, C1216, U1300, U1301	2430	2.1	2.1	2.1	2.1	2.1	2.1
Replace ABS front wheel sensor	C1021, C1025, C1032, C1206	2439	0.8	0.8	0.8	0.8	0.8	0.8
Replace rear wheel speed sensor	C1023, C1027, C1034, C1208	2440	1.3	1.3	1.3	1.3	1.3	1.3

SUBJECT	PAGE NO.
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Unless otherwise specified, Job Times shown include all operations necessary to complete the listed job.

FV4 = FLHT
KB4 = FLHX

FF4 = FLHTC
FL4 = FLHTCU Shrine

FC4 = FLHTCU
FMM = FLHTP

FG4 = FLHTCU w/Sidecar
KEM = FLHTK

KH4 = FLTRX

Table 5-1. Service

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
NEW										
Set-up and predelivery		---	2.0	2.0	2.2	2.5	2.5	2.5	2.0	2.0
1,000 (1,600 km) mile service		---	2.5	2.5	2.5	2.5	3.0	2.5	2.5	2.5
REGULAR										
5,000 (8,000 km) mile maintenance		---	1.8	1.8	1.8	1.8	2.3	1.8	1.8	1.8
10,000 (16,000 km) mile maintenance		---	2.3	2.3	2.3	2.3	2.8	2.3	2.3	2.3
15,000 (24,000 km) mile maintenance		---	1.6	1.6	1.6	1.6	2.1	1.6	1.6	1.6
20,000 (32,000 km) mile maintenance		---	2.6	2.6	2.6	2.6	3.2	2.6	2.6	2.6
25,000 (40,000 km) mile maintenance		---	2.9	2.9	2.9	2.9	3.4	2.9	2.9	2.9
30,000 (48,000 km) mile maintenance		---	2.5	2.5	2.5	2.5	3.0	2.5	2.5	2.5
35,000 (56,000 km) mile maintenance		---	1.8	1.8	1.8	1.8	2.3	1.8	1.8	1.8
40,000 (64,000 km) mile maintenance		---	2.4	2.4	2.4	2.4	2.9	2.4	2.4	2.4
45,000 (72,000 km) mile maintenance		---	1.4	1.4	1.4	1.4	1.9	1.4	1.4	1.4
50,000 (80,000 km) mile maintenance		---	7.0	7.0	7.0	7.0	7.5	7.0	7.0	7.0
Addition to any maintenance- required every 2 years	flush/fill D.O.T 4 brake fluid- front and rear NON-ABS models	---	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Addition to any maintenance- required every 2 years	flush/fill D.O.T 4 brake fluid- front and rear ABS models	---	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Addition to 1,000, 5,000 and 20,000 mile (1,600, 8,000, and 32,000 km) maintenance and every 15,000 mile (24,000 km) interval there after	Tighten spoke wheels if equipped, time per wheel	---	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5

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Table 5-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
PAINT REPAIR										
NOTE: use these codes when repairing any painted part on vehicle with the Kent Moore finesse kit or other paint repair methods										
Light scuff/scratch - buff		1102	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Light sanding/buff/blend		1104	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Buff entire part		1106	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Repair build up in clear/paint		1108	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Color blend/paint/buff		1110	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DRIVE										
Adjust secondary belt	at PDI only	2010	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace secondary belt		2011	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
Replace rear wheel sprocket		2021	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Replace rear wheel sprocket bearing	both	2012	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Replace rear wheel compensator cushion		2013	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
WHEELS										
Replace tire or inner tube - includes balancing	front	2106	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Replace tire or inner tube - includes balancing	rear	2111	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Replace wheel assembly - includes disc and sprocket exchange, bearing install and balancing	front	2113	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Replace wheel assembly - includes disc and sprocket exchange, bearing install and balancing	rear	2114	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Replace rim, hub or spokes- includes truing and balancing	front	2116	2.2	2.2	2.2	2.2	2.2	2.2	---	2.2
Replace rim, hub or spokes- includes truing and balancing	rear	2121	2.4	2.4	2.4	2.4	2.4	2.4	---	2.4
Replace wheel bearings	front	2136	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Replace wheel bearings	rear	2141	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Check or true spoked wheel	each wheel	2155	0.5	0.5	0.5	0.5	0.5	0.5	---	0.5

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Table 5-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
HANDLEBARS										
Replace handlebars		2176	1.4	---	---	---	---	---	1.4	---
Replace handlebars	includes removing radio	2206	---	1.5	1.5	1.5	1.5	1.8	---	1.3
Replace clutch hand lever		2221	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace clutch hand lever bracket		2226	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace both rubber handlebar mounts	includes removing radio, if applicable	2246	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Replace rubber handlebar grip	NOTE: for heated grips see diagnostic section	2251	0.2	0.2	0.2	0.2	0.2	---	0.2	0.2
Replace handlebar riser	one or both - includes loosening radio, if applicable	2253	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Replace handlebar clamp	includes removing radio, if applicable	2254	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
FRAME/SWING ARM/FRONT FORK										
Adjust steering head bearings		2290	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Change front fork oil	both sides	---	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.8
Replace frame	includes removal and installation of all accessories and motorcycle components	2306	17.0	17.0	17.2	17.5	17.5	17.5	17.0	17.0
Replace tail section sub frame		2339	1.6	1.6	2.4	2.4	2.4	2.4	1.8	1.6
Replace rear frame section and tag bracket		2308	---	---	---	---	---	---	1.0	---
Replace front fork assembly	includes removal and installation of upper and lower fork brackets	2311	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Replace lower fork bracket and stem		2316	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Replace steering head cups and bearings	including bearing adjustment	2321	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Replace upper fork bracket		2326	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
Service or replace fork slider and/or seal – includes removal, disassembly, cleaning, inspection, replacing parts, servicing damper tube, replacing bushings, assembly and installation	one side	2341	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.1

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Table 5-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
Service or replace fork slider and/or seal – includes removal, disassembly, cleaning, inspection, replacing parts, servicing damper tube, replacing bushings, assembly and installation	both sides	2342	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.5
Replace fork side	one side	2346	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Replace fork side	both sides	2351	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Replace fork tube	one side	2356	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.6
Replace fork tube	both sides	2361	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.1
Replace fork slider cover	one side	2499	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Replace rear swing arm and/or bearings		2366	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Replace rear fork pivot shaft		2368	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Replace rear shock air line		2369	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace rear shock absorber assembly	one side	2371	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace rear shock absorber assembly	both sides	2376	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace jiffy stand	complete	2391	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace jiffy stand	spring and/or stand	2396	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace jiffy stand	rubber bumper	2399	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace footboard or foot peg		2394	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace footboard insert		2299	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace motor mount	rear right	2395	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Replace motor mount	rear left	2397	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace motor mount	both front rubber mounts and/or front mount bracket	2398	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
BRAKES										
Replace hydraulic brake line – does not include bleeding brakes, use with appropriate bleed code (non ABS vehicles only)	front (non ABS vehicles)	2406	0.8	0.8	0.8	0.8	0.8	---	0.8	0.8

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Table 5-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
Replace hydraulic brake line – does not include bleeding brakes, use with appropriate bleed code (non ABS vehicles only)	rear (non ABS vehicles)	2411	0.4	0.4	0.4	0.4	0.4	---	0.4	0.4
Replace hydraulic brake line – does not include filling/bleeding brakes, use with appropriate bleed code (ABS vehicles only)	front, mastercylinder to ABS unit (ABS vehicles only)	2463	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Replace hydraulic brake line – does not include filling/bleeding brakes, use with appropriate bleed code (ABS vehicles only)	rear, master cylinder to ABS unit (ABS vehicles only)	2464	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace hydraulic brake line – does not include filling/bleeding brakes, use with appropriate bleed code (ABS vehicles only)	front, ABS unit to calipers (ABS vehicles only)	2465	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Replace hydraulic brake line – does not include filling/bleeding brakes, use with appropriate bleed code (ABS vehicles only)	rear, ABS unit to rear caliper (ABS vehicles only)	2467	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace brake pads	front – each caliper	2416	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace brake pads	rear	2421	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace brake caliper – does not include bleeding brakes, use with appropriate bleed code	front – each caliper	2426	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace brake caliper – does not include bleeding brakes, use with appropriate bleed code	rear	2431	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Replace rear brake caliper mount		2408	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Replace brake caliper screen	front – each caliper	2428	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace brake rotor	front – one side	2436	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace brake rotor	front – both sides	2437	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace brake rotor	rear	2441	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Bleed brake caliper	front (both) - non ABS	2442	0.3	0.3	0.3	0.3	0.3	---	0.3	0.3
Bleed brake caliper	rear - non ABS	2443	0.2	0.2	0.2	0.2	0.2	---	0.2	0.2

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Table 5-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
Bleed brake caliper – front (one or two calipers) or rear caliper	ABS vehicles only - includes bleeding and verifying system function with Digital Technician II	2446	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Replace master cylinder assembly - does not include bleeding brakes, use with appropriate bleed code	front	2461	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace master cylinder assembly - does not include bleeding brakes, use with appropriate bleed code	rear	2466	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace master cylinder cover	front or rear	2479	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Rebuild master cylinder assembly – does not include bleeding brakes, use with appropriate bleed code	front	2471	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Rebuild master cylinder assembly – does not include bleeding brakes, use with appropriate bleed code	rear	2476	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Replace ABS hydraulic control unit (HCU)	or gasket, used if module leaking, includes bleeding both brakes and verifying system function with Digital Technician II (ABS vehicles only)	2473	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Replace rear brake pedal		2492	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace front brake lever		2494	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
SEATS/FENDERS/TANKS										
Replace seat and/or strap or spring(s) and / or hinge bracket		2506	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
Replace top frame cover (solo seat)		2510	---	---	---	---	---	---	0.3	---
Replace seat air spring		2514	---	---	---	---	---	---	0.4	---
Replace air tank		2516	---	---	---	---	---	---	0.8	---
Replace air line		2518	---	---	---	---	---	---	0.5	---
Replace fender	front	2526	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Replace fender	rear (includes installing new wire conduit and fascia if applicable)	2531	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

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Table 5-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
Replace license plate mount		2525	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace rear fender facia/ground effects		2528	---	0.5	---	---	---	---	---	0.5
Replace rear fender facia/ground effects stud plate	one or both	2529	---	0.8	---	---	---	---	---	0.8
Replace rear fender wire conduit		2533	0.7	---	0.7	0.7	0.7	0.7	0.7	---
Replace rear fender support cover	left or right	2536	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace fuel tank assembly		2541	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Replace fuel tank console/instrument panel		2553	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace fuel tank console insert		2558	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace fuel tank console fuel door or fuel door lock		2559	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace fuel tank console rubber mounting strip		2557	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace fuel level sending unit		2564	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Replace fuel tank check valve assembly	includes fuel line attached to check valve	2567	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Replace canopy gasket		2570	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace fuel filter		2575	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Replace fuel transfer hose inside tank		2579	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Replace fuel tank trim or medallion		6507	---	0.3	---	0.3	0.3	0.3	---	0.3
Replace oil filter		2582	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
BELT GUARDS										
Replace rear belt guard – debris deflector		2616	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
EXHAUST SYSTEM										
Replace complete exhaust system and/or gaskets		2626	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Replace exhaust pipe	right side header assembly and/or port gaskets	2631	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Replace exhaust pipe	left side cross under pipe, support clamp and/or gasket (where applicable)	2636	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace one muffler		2646	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

FV4 = FLHT
KB4 = FLHX

FF4 = FLHTC
FL4 = FLHTCU Shrine

FC4 = FLHTCU
FMM = FLHTP

FG4 = FLHTCU w/Sidecar
KEM = FLHTK

KH4 = FLTRX

Table 5-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
Replace rear exhaust support bracket	at transmission side cover	2651	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace any one exhaust shield		2661	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace one muffler support		2666	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

FV4 = FLHT
KB4 = FLHX

FF4 = FLHTC
FL4 = FLHTCU Shrine

FC4 = FLHTCU
FMM = FLHTP

FG4 = FLHTCU w/Sidecar
KEM = FLHTK

KH4 = FLTRX

Table 5-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
GENERAL										
Remove and install engine includes remove, replace, install oil passage gasket	California vehicles only	3006	4.6	4.6	4.6	4.9	---	4.9	---	4.6
Remove and install engine includes remove, replace, install oil passage gasket		3006	4.5	4.5	4.5	4.8	4.8	4.8	4.5	4.5
Replace stabilizer link or stabilizer bracket	top front	3005	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Remove and replace oil pan for inspection/decontamination	with engine removed	3009	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace dipstick		3480	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
CYLINDER HEAD										
Recondition cylinder head – includes removal of head and gasket, remove carbon, service valve guides, grind valves and seats, test springs and install head and gaskets.	front head	3101	4.5	4.5	4.5	4.9	4.9	4.9	4.5	4.5
Recondition cylinder head – includes removal of head and gasket, remove carbon, service valve guides, grind valves and seats, test springs and install head and gaskets.	rear head	3103	4.5	4.5	4.5	4.9	4.9	4.9	4.5	4.5
Recondition cylinder head – includes removal of head and gasket, remove carbon, service valve guides, grind valves and seats, test springs and install head and gaskets.	both heads	3104	5.1	5.1	5.1	5.5	5.5	5.5	5.1	5.1
Replace cylinder head	one head	3106	3.5	3.5	3.5	3.9	3.9	3.9	3.5	3.5
Replace cylinder head	both heads	3108	4.4	4.4	4.4	4.8	4.8	4.8	4.4	4.4
Replace valve seal or spring after cylinder head removal	one seal or spring (intake or exhaust)	3131	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace valve seal or spring after cylinder head removal	both seals or springs (intake or exhaust)	3132	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace cylinder head gasket/o-ring	front cylinder	3140	2.6	2.6	2.6	3.0	3.0	3.0	2.6	2.6

FV4 = FLHT
KB4 = FLHX

FF4 = FLHTC
FL4 = FLHTCU Shrine

FC4 = FLHTCU
FMM = FLHTP

FG4 = FLHTCU w/Sidecar
KEM = FLHTK

KH4 = FLTRX

Table 5-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
Replace cylinder head gasket/o-ring	rear cylinder	3142	2.6	2.6	2.6	3.0	3.0	3.0	2.6	2.6
Replace cylinder head gasket/o-ring	both cylinders	3143	3.0	3.0	3.0	3.4	3.4	3.4	3.0	3.0
Replace rocker arm covers and/or gaskets	front cylinder	3144	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Replace rocker arm covers and/or gaskets	rear cylinder	3145	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Replace rocker arm covers and/or gaskets	both cylinders	3148	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Recondition rocker arms after heads are removed	one head	3149	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Recondition rocker arms after heads are removed	both heads	3150	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Replace lower rocker arm cover/gasket, or rocker arms and /or shafts/rocker arm support	front cylinder	3147	1.2	1.2	1.2	1.6	1.6	1.6	1.2	1.2
Replace lower rocker arm cover/gasket, or rocker arms and /or shafts/rocker arm support	rear cylinder	3152	1.2	1.2	1.2	1.6	1.6	1.6	1.2	1.2
Replace lower rocker arm cover/gasket, or rocker arms and /or shafts/rocker arm support	both cylinders	3153	1.4	1.4	1.4	1.8	1.8	1.8	1.4	1.9
Replace cylinder o-ring/drain o-ring	front cylinder	3161	2.8	2.8	2.8	3.2	3.2	3.2	2.8	2.8
Replace cylinder o-ring/drain o-ring	rear cylinder	3163	2.8	2.8	2.8	3.2	3.2	3.2	2.8	2.8
Replace cylinder o-ring/drain o-ring	both cylinders	3168	3.2	3.2	3.2	3.6	3.6	3.6	3.2	3.2
Replace crankcase umbrella valve	one	3172	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Replace crankcase umbrella valve	both	3174	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
CYLINDER AND PISTON										
Recondition top end - includes disassembly, replacement of piston and sizing cylinder (.005" pistons), replacing piston rings and all items listed under recondition cylinder head and assembly.	one piston and cylinder	3202	5.5	5.5	5.5	5.9	5.9	5.9	5.5	5.5
Recondition top end - includes disassembly, replacement of piston and sizing cylinder (.005" pistons), replacing piston rings and all items listed under recondition cylinder head and assembly.	both pistons and cylinders	3203	6.1	6.1	6.1	6.5	6.5	6.5	6.1	6.1
Replace piston rings – includes deglazing cylinder	one cylinder	3206	3.1	3.1	3.1	3.5	3.5	3.5	3.1	3.1

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KB4 = FLHX

FF4 = FLHTC
FL4 = FLHTCU Shrine

FC4 = FLHTCU
FMM = FLHTP

FG4 = FLHTCU w/Sidecar
KEM = FLHTK

KH4 = FLTRX

Table 5-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
Replace piston rings – includes deglazing cylinder	both cylinders	3216	3.7	3.7	3.7	4.1	4.1	4.1	3.7	3.7
Recondition top end – includes disassembly, deglazing cylinder and replacing rings, or replacing cylinder and piston, all items listed under recondition cylinder head and assembly.	one piston and cylinder	3207	5.3	5.3	5.3	5.7	5.7	5.7	5.3	5.3
Recondition top end – includes disassembly, deglazing cylinder and replacing rings, or replacing cylinder and piston, all items listed under recondition cylinder head and assembly.	both pistons and cylinders	3208	5.9	5.9	5.9	6.3	6.3	6.3	5.9	5.9
Recondition top end - includes disassembly, replacement of piston and bore and hone, resizing cylinder (.010" oversize or above), replacing piston rings and all items listed under recondition cylinder head and assembly.	one piston and cylinder	3211	5.9	5.9	5.9	6.3	6.3	6.3	5.9	5.9
Recondition top end - includes disassembly, replacement of piston and bore and hone, resizing cylinder (.010" oversize or above), replacing piston rings and all items listed under recondition cylinder head and assembly.	both pistons and cylinders	3212	6.5	6.5	6.5	6.9	6.9	6.9	6.5	6.5
Replace piston and piston rings – includes removal of cylinder head and cylinder, fitting new piston with rings, resizing cylinder and assembly	one cylinder	3221	3.7	3.7	3.7	4.1	4.1	4.1	3.7	3.7
Replace piston and piston rings – includes removal of cylinder head and cylinder, fitting new piston with rings, resizing cylinder and assembly	both cylinders	3231	4.9	4.9	4.9	5.3	5.3	5.3	4.9	4.9
Replace cylinder and piston	one cylinder	3236	3.0	3.0	3.0	3.4	3.4	3.4	3.0	3.0
Replace cylinder and piston	both cylinders	3246	3.5	3.5	3.5	3.9	3.9	3.9	3.5	3.5
Replace one cylinder stud	cylinder removed	3253	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace all eight cylinder studs	cylinders removed	3254	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5

FV4 = FLHT
KB4 = FLHX

FF4 = FLHTC
FL4 = FLHTCU Shrine

FC4 = FLHTCU
FMM = FLHTP

FG4 = FLHTCU w/Sidecar
KEM = FLHTK

KH4 = FLTRX

Table 5-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
CAM COVER										
Replace lifter cover/gasket or lifter/and, or anti-rotation pin	one or two same cylinder	3307	1.4	1.4	1.4	1.8	1.8	1.8	1.4	1.4
Replace lifter cover/gasket or lifter/and, or anti-rotation pin	on both cylinders	3310	1.7	1.7	1.7	2.1	2.1	2.1	1.7	1.7
Replace push rod, push rod cover and/or o-ring or quad seal	one or two same cylinder	3317	1.4	1.4	1.4	1.8	1.8	1.8	1.4	1.4
Replace push rod, push rod cover and/or o-ring or quad seal	one each cylinder	3318	1.6	1.6	1.6	2.0	2.0	2.0	1.6	1.6
Replace cam cover and/or gasket		3325	1.6	1.6	1.6	2.0	2.0	2.0	1.6	1.6
Replace primary cam chain, sprockets and/or fastener		3327	1.7	1.7	1.7	2.1	2.1	2.1	1.7	1.7
Replace primary cam chain tensioner		3328	1.7	1.7	1.7	2.1	2.1	2.1	1.7	1.7
Replace cam support plate/o-rings		3335	2.8	2.8	2.8	3.2	3.2	3.2	2.8	2.8
Replace cam support plate		3337	3.7	3.7	3.7	4.1	4.1	4.1	3.7	3.7
Replace cam support bearing/cams/secondary cam chain/tensioner		3338	3.9	3.9	3.9	4.3	4.3	4.3	3.9	3.9
Replace oil pump and/or o-rings		3341	2.7	2.7	2.7	3.1	3.1	3.1	2.7	2.7
Replace cam bearing crankcase	one bearing	3342	3.4	3.4	3.4	3.8	3.8	3.8	3.4	3.4
Replace cam bearing crankcase	two bearings	3343	3.6	3.6	3.6	4.0	4.0	4.0	3.6	3.6
By pass valve inspection		3354	2.7	2.7	2.7	3.1	3.1	3.1	2.7	2.7
CRANKCASE										
Replace crankcases	California vehicles only –includes remove and install engine	3406	8.0	8.0	8.0	8.4	---	8.4	---	8.0
Replace crankcases	includes remove and install engine	3406	7.9	7.9	7.9	8.3	8.3	8.3	7.8	7.9
Seal crankcase only		3407	6.8	6.8	6.8	7.1	7.1	7.1	6.7	6.8
Replace flywheels	includes remove and install engine	3411	7.5	7.5	7.5	7.9	7.9	7.9	7.4	7.5
Replace right side main bearing	California vehicles only	3412	7.5	7.5	7.5	7.9	---	7.9	---	7.5

FV4 = FLHT
KB4 = FLHX

FF4 = FLHTC
FL4 = FLHTCU Shrine

FC4 = FLHTCU
FMM = FLHTP

FG4 = FLHTCU w/Sidecar
KEM = FLHTK

KH4 = FLTRX

Table 5-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
Replace right side main bearing		3412	7.4	7.4	7.4	7.8	7.8	7.8	7.3	7.4
Replace left side main bearing	California vehicles only	3410	7.0	7.0	6.9	7.1	---	7.1	---	7.0
Replace left side main bearing		3410	6.9	6.9	6.8	7.0	7.0	7.0	6.8	6.9
Piston jet/o-ring	one	3413	3.0	3.0	3.0	3.4	3.4	3.4	2.9	3.0
Piston jet/o-ring	both	3414	3.4	3.4	3.4	3.8	3.8	3.8	3.3	3.4
Replace crank position sensor o-ring		3403	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Check flywheel trueness before assembly or after removal		3420	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Recondition cylinder heads - head removed (for non-related repairs)	one head	3425	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Recondition cylinder heads - head removed (for non-related repairs)	both heads	3426	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Replace piston rings	cylinders removed (for non-related repairs – deglaze only)	3428	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace piston rings	cylinders removed (for non-related repairs) - includes resizing cylinders	3430	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Replace oil filter mount end cap and/or gasket		4519	---	---	---	---	---	0.2	0.2	---
Replace oil cooler		4525	---	---	---	---	---	0.4	0.4	---
Replace oil cooler mounting bracket		4526	---	---	---	---	---	0.4	0.4	---
Replace oil cooler hose and/or clamp	one or both	4528	---	---	---	---	---	0.6	0.6	---
Replace oil filter mount/fittings		4533	---	---	---	---	---	0.4	0.4	---
FUEL SYSTEM										
Replace air cleaner backing plate		3501	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace air cleaner cover		3502	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace induction module		3508	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Replace induction module seal		3510	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Replace external fuel supply hose		3514	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

FV4 = FLHT
KB4 = FLHX

FF4 = FLHTC
FL4 = FLHTCU Shrine

FC4 = FLHTCU
FMM = FLHTP

FG4 = FLHTCU w/Sidecar
KEM = FLHTK

KH4 = FLTRX

Table 5-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
EVAPORATIVE EMISSIONS SYSTEM										
Replace evaporative purge solenoid		3522	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace canister		3527	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Replace any one hose		3529	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4

FV4 = FLHT
KB4 = FLHX

FF4 = FLHTC
FL4 = FLHTCU Shrine

FC4 = FLHTCU
FMM = FLHTP

FG4 = FLHTCU w/Sidecar
KEM = FLHTK

KH4 = FLTRX

Table 5-4. Drive and Clutch

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
DRIVE										
Replace derby cover and/or gasket/o-ring		4001	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace primary chain		4002	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Replace primary chain tensioner		4033	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Replace engine sprocket		4003	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Replace engine sprocket seal		4005	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Replace primary cover		4007	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Replace inner primary case and/or seals or main-shaft bearing		4008	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
Replace primary cover gasket		4009	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Replace shift lever	heel or toe shifter	4012	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace shift lever shaft and/or inner lever	includes removal of heel and toe shift levers	4017	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace starter-primary o-ring		4034	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
CLUTCH										
Adjust clutch		---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace release cable assembly		4006	1.2	1.2	1.2	1.4	1.4	1.4	1.2	1.2
Service the clutch	includes disassembly, cleaning, inspection repair, assembly ,and adjustment	4011	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Replace clutch release bearing and/or push rod		4016	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Replace clutch release (ball ramp) and/or side cover		4018	1.6	1.6	1.6	1.7	1.7	1.7	1.6	1.6

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KB4 = FLHX

FF4 = FLHTC
FL4 = FLHTCU Shrine

FC4 = FLHTCU
FMM = FLHTP

FG4 = FLHTCU w/Sidecar
KEM = FLHTK

KH4 = FLTRX

Table 5-5. Transmission

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
TRANSMISSION CASE										
Replace transmission case		4304	5.3	5.3	5.3	5.6	5.6	5.6	5.3	5.3
Replace transmission complete- Includes remove, replace, install oil passage gasket		4305	4.9	4.9	4.9	5.2	5.2	5.2	4.9	4.9
Overhaul transmission	includes disassembly, cleaning, inspection, replacing parts (transmission case in frame)	4306	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
Replace transmission sprocket		4309	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
Replace main drive gear oil seal	in transmission case	4311	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
Replace mainshaft oil seal	in main drive gear	4316	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Replace side door gasket		4321	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Replace shifter drum		4331	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
Replace shifter arm assembly or springs		4336	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Replace transmission top cover and/or gasket		4341	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Replace shifter forks and/or shaft		4343	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
Replace side door bearing	one	4348	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Replace side door bearing	both	4351	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Replace transmission case countershaft bearing		4361	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Replace main drive gear and/or bearing		4366	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
Replace transmission side cover gasket		4368	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Replace oil pan and/or gasket		4378	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Replace transmission shift shaft seal		4390	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Replace vehicle speed sensor o-ring		4380	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7

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KB4 = FLHX

FF4 = FLHTC
FL4 = FLHTCU Shrine

FC4 = FLHTCU
FMM = FLHTP

FG4 = FLHTCU w/Sidecar
KEM = FLHTK

KH4 = FLTRX

Table 5-6. OEM Accessories

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
ACCESSORIES										
Replace windshield		6203	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace one fairing wind deflector		6205	---	---	---	0.1	0.1	0.1	---	---
Replace one mid frame air deflector		6201	---	---	---	0.2	0.2	0.2	0.2	---
Replace instrument panel support housing or inner fairing		6209	1.7	1.7	1.8	1.9	1.9	1.9	1.7	1.8
Remove outer fairing/diagnosis		6252	---	---	---	---	---	---	---	0.2
Replace saddlebag mounting bracket or bail head stud/retainer		6253	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace saddlebag guard	complete	6254	0.3	---	0.3	0.3	0.3	0.3	0.3	---
Replace outer fairing or support brace		6255	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
Replace a single saddlebag guard rail		6256	---	---	0.2	0.2	0.2	---	0.2	---
Replace a saddlebag		6257	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace saddlebag lock		6259	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2
Replace saddlebag cover	one cover only	6260	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2
Replace saddlebag bottom	one bottom only	6244	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3
Replace tour-pak lock or latch		6261	---	---	0.2	0.2	0.2	0.2	---	---
Replace one saddlebag tether strap		6262	0.1	0.1	0.1	0.1	0.1	0.1	---	0.1
Replace one frame sidecover or mounting grommet		6263	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace tour-pak hinge		6264	---	---	0.3	0.3	0.3	0.3	---	---
Replace inner fairing bracket		6265	0.7	0.7	0.8	0.9	0.9	0.9	0.7	1.0
Replace nameplate tour-pak		6266	---	---	0.2	0.2	0.2	0.2	---	---
Replace instrument nacelle		6267	---	---	---	---	---	---	---	0.4
Replace plastic sticker/instrument nacelle		6268	---	---	---	---	---	---	---	0.1
Replace outer headlight lens		6269	---	---	---	---	---	---	---	0.1
Replace tour-pak cover		6270	---	---	0.7	0.7	0.7	0.8	---	---

FV4 = FLHT
KB4 = FLHX

FF4 = FLHTC
FL4 = FLHTCU Shrine

FC4 = FLHTCU
FMM = FLHTP

FG4 = FLHTCU w/Sidecar
KEM = FLHTK

KH4 = FLTRX

Table 5-6. OEM Accessories

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
Replace tour-pak bottom		6243	---	---	0.9	1.4	1.4	1.4	---	---
Replace tour-pak top rack		6453	---	---	---	---	---	0.2	---	---
Replace fairing cap		6271	0.3	0.3	0.3	0.3	0.3	0.3	0.3	---
Replace one fairing lower	left or right	6272	---	---	---	0.2	0.2	0.2	---	---
Replace one fairing lower glove compartment assembly or vent door		6242	---	---	---	0.3	0.3	0.3	---	---
Replace fairing lower vent door serrated washers	left or right side, one or both washers	6241	---	---	---	0.1	0.1	0.1	---	---
Replace chrome fairing skirt		6273	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---
Replace lock-set		6276	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.5
Replace bumper	front	6303	---	---	0.3	0.3	0.3	0.3	0.3	---
Replace bumper	rear	6305	0.2	---	0.2	0.2	0.2	0.2	0.2	---
Replace highway bar	front	6353	0.3	0.3	0.3	0.6	0.7	0.6	0.4	0.6
Replace tour-pak mount/luggage rack		6453	0.6	---	0.7	0.8	0.8	0.8	0.7	---
Replace tour-pak	includes lights and brackets, antenna assembly, backrest, and rear speakers	6509	---	---	0.9	1.4	1.4	1.4	---	---
Replace rear view mirror	one or both	6513	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1
Replace backrest		6515	---	---	0.2	0.2	0.2	0.2	---	---
Replace amplifier		6521	---	---	---	---	---	---	0.2	---
Replace speaker		6523	---	---	---	---	---	---	0.1	---
Replace strobe lamp		6526	---	---	---	---	---	---	0.6	---
Repair or replace rear mount		6529	---	---	---	---	---	---	0.3	---

FV4 = FLHT
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FF4 = FLHTC
FL4 = FLHTCU Shrine

FC4 = FLHTCU
FMM = FLHTP

FG4 = FLHTCU w/Sidecar
KEM = FLHTK

KH4 = FLTRX

Table 5-7. Electrical - General

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
INSTRUMENTS										
Replace speedometer	Cosmetic issue	6003	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace tachometer	Cosmetic issue	6009	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace indicator panel lens		6018	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace voltmeter or fuel gauge		6021	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace oil pressure or air temperature gauge		6026	0.3	0.3	0.3	0.3	0.3	0.3	---	0.3
Replace ambient temperature sensor		6028	---	0.1	0.1	0.1	0.1	0.1	---	0.1
Replace odometer reset switch boot		6043	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
WIRING										
Replace connector housing		5022	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace connector anchor		5023	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace main wiring harness		5026	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
Replace audio harness		5027	---	---	---	1.8	1.8	1.8	---	---
Replace rear fender wiring harness	Includes installing new conduit	5036	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Replace front fender wiring harness		5049	0.9	---	0.9	0.9	0.9	0.9	0.9	---
Replace interconnect harness		5052	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Replace main harness trough/tray	Lower trough, or both lower trough and cover	5078	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Replace main harness trough cover	Trough cover only	5079	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace auxiliary power outlet	In tour pak	5116	---	---	---	---	---	0.2	---	---
Replace front headset harness		6616	---	---	---	0.7	0.7	0.7	---	---
SWITCHES										
Replace ignition switch		5129	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Replace fuse		5145	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace main fuse or cover		5147	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace main fuse block		5151	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5

FV4 = FLHT
KB4 = FLHX

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FC4 = FLHTCU
FMM = FLHTP

FG4 = FLHTCU w/Sidecar
KEM = FLHTK

KH4 = FLTRX

Table 5-7. Electrical - General

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
Replace rear stoplight relay		5169	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace right handlebar switch		5173	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Replace left upper handlebar switch housing		5177	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace left lower handlebar switch housing		5178	0.3	0.3	0.2	0.2	0.2	0.2	0.4	0.3
Replace right upper handlebar switch housing		5179	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace right lower handlebar switch housing		5180	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Replace handlebar (cruise set) switch		5182	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Replace handlebar mode switch		5183	1.0	1.5	1.5	1.5	1.5	1.5	---	1.6
Replace handlebar (PTT) switch		5184	---	---	---	1.2	1.2	1.2	---	1.2
Replace handlebar audio switch		5186	1.0	1.4	1.4	1.4	1.4	1.4	---	1.4
Replace pursuit/aux. switch		5187	---	---	---	---	---	---	0.8	---
Replace horn/yelp siren switch		5188	---	---	---	---	---	---	0.8	---
Replace any fairing switch (except speaker)		5192	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace speaker switch (includes diagnostics)		6143	---	---	---	0.6	0.6	0.6	---	0.6
Replace passenger switch	Volume/PTT switch	6627	---	---	---	0.7	0.7	0.7	---	---
Replace switch knob	Any handlebar switch	6953	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
LIGHTS										
Replace headlight housing	Includes adjustment	5189	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
Replace instrument panel bulb	Includes diagnosis	5193	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace turn signal light assembly	Front	5201	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace turn signal light assembly	Rear	5205	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace rear turn signal bar		5207	0.4	0.6	0.4	0.4	0.4	0.4	0.4	0.4
Replace fender tip light bulb or lens	Front	5217	0.1	---	0.1	0.1	0.1	0.1	0.1	---
Replace fender tip light bulb or lens	Rear	5221	0.1	---	0.1	0.1	0.1	0.1	0.1	---
Replace fender tip lamp assembly/or rear facia fender lamp	Front	5225	0.2	---	0.2	0.2	0.2	0.2	0.2	---

FV4 = FLHT
KB4 = FLHX

FF4 = FLHTC
FL4 = FLHTCU Shrine

FC4 = FLHTCU
FMM = FLHTP

FG4 = FLHTCU w/Sidecar
KEM = FLHTK

KH4 = FLTRX

Table 5-7. Electrical - General

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
Replace fender tip lamp assembly/or rear facia fender lamp	Rear	5229	0.3	0.5	0.3	0.3	0.3	0.3	0.3	---
Replace auxiliary lamp assembly	Includes adjustment	5230	0.5	---	0.5	0.5	0.5	0.5	0.5	---
Replace front auxiliary/directional lamp bracket	Includes auxiliary lamp adjustment where applicable	5232	0.8	0.7	0.8	0.8	0.8	0.8	0.8	---
Replace king tour-pak light bulb or lens	Includes diagnosis	5233	---	---	0.2	0.2	0.2	0.2	---	---
Replace king tour-pak lower light assembly		5234	---	---	0.5	0.5	0.5	0.5	---	---
Replace king tour-pak wrap-around light assembly		5235	---	---	---	0.8	0.8	0.8	---	---
Replace license plate light bulb	Not used for LED equipped models	5246	---	0.2	---	---	---	---	---	0.2
Replace license plate light assembly		5247	0.4	0.4	0.4	0.4	---	0.4	0.4	0.4
BATTERY										
Replace the battery	Includes diagnosis	5705	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace battery tray		5767	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Replace battery cable		5769	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
SOUND SYSTEM – REPAIR										
Replace radio	Cosmetic issue	6101	---	0.6	0.6	0.6	0.6	0.6	---	0.7
Replace one speaker grill	Front	6607	---	0.2	0.2	0.2	0.2	0.2	---	0.2
Replace one speaker grill	Rear	6612	---	---	---	0.1	0.1	0.1	---	---
Replace rear speaker housing	Right side	6608	---	---	---	0.3	0.3	0.3	---	---
Replace rear speaker housing	Left side	6610	---	---	---	0.3	0.3	0.3	---	---
Replace front antenna lead	Radio or CB	6609	---	0.8	0.8	0.9	0.9	0.9	---	0.9
Replace antenna mast mount		6611	---	0.3	0.2	0.2	0.2	0.2	---	0.2
Replace CB antenna mast		6613	---	---	---	0.4	0.4	0.4	---	---
Complete stereo antenna inspection		6615	---	0.2	0.2	0.2	0.2	0.2	---	0.2
Replace stereo antenna mast		6617	---	0.1	0.1	0.1	0.1	0.1	---	0.1
Replace front headset DIN cover		6619	---	---	---	0.3	0.3	0.3	---	---
Replace console housing		6623	---	---	---	0.3	0.3	0.3	---	---

FV4 = FLHT
KB4 = FLHX

FF4 = FLHTC
FL4 = FLHTCU Shrine

FC4 = FLHTCU
FMM = FLHTP

FG4 = FLHTCU w/Sidecar
KEM = FLHTK

KH4 = FLTRX

Table 5-7. Electrical - General

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
Replace rear headset DIN cover		6628	---	---	---	0.1	0.1	0.1	---	---
Repair/replace audio harness		6940	---	---	---	1.0	1.0	1.0	---	---

FV4 = FLHT
KB4 = FLHX

FF4 = FLHTC
FL4 = FLHTCU Shrine

FC4 = FLHTCU
FMM = FLHTP

FG4 = FLHTCU w/Sidecar
KEM = FLHTK

KH4 = FLTRX

Table 5-8. FLHT/FLTR Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
NOTE: Unless otherwise noted, all codes include diagnostic time and replacement time if required. The codes must be used in conjunction with the diagnostic/repair procedures listed in the current Service Manual and Electrical Diagnostic Manual.										
DIAGNOSTICS GENERAL										
Repair any single wire	Light circuit	5039	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Repair any single wire	Accessory circuit	5043	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Repair any single wire	All wires except lighting and accessory circuits	5041	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Replace position lamp	Position lamp inoperative	5143	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace headlight	Headlamp inoperative	5185	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Replace indicator lamp assembly	High beam indicator inoperative, neutral lamp inoperative, oil pressure lamp inoperative, turn signal indicator inoperative	5191	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---
Replace taillight bulb or single light bulb or lens	Running lamps inoperative	5197	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace taillight assembly or circuit board	Headlamp inoperative, stop lamp inoperative	5215	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace auxiliary lamp bulb	Auxiliary lamp inoperative	5227	0.1	---	0.1	0.1	0.1	0.1	0.1	---
Replace horn and/or bracket	Horn inoperative	5765	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Repair engine compression, use in conjunction with additional code(s)	Engine cranks but will not start, starts hard, starts - then stalls	7210	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Code not present	B0563, B1006, B1007, P0562, P0563, P0603, P0605, C0563	7770	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
SWITCHES										
Replace rear stoplight switch - does not include bleeding brakes, use with appropriate bleed code	P0572, C1212, C1214	1409	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Replace rear stoplight switch - does not include bleeding brakes, use with appropriate bleed code	Stop lamp inoperative, cruise control malfunction	5141	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace rear stoplight switch - does not include bleeding brakes, use with appropriate bleed code	U1097, U1255	6787	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Replace neutral switch	Nothing clicks, neutral lamp always on, neutral lamp inoperative, B1155	5157	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

FV4 = FLHT
KB4 = FLHX

FF4 = FLHTC
FL4 = FLHTCU Shrine

FC4 = FLHTCU
FMM = FLHTP

FG4 = FLHTCU w/Sidecar
KEM = FLHTK

KH4 = FLTRX

Table 5-8. FLHT/FLTR Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
Replace oil pressure switch	Oil pressure lamp always on, oil pressure lamp inoperative	5161	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace clutch switch	Nothing clicks, B1154	5168	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Replace left handlebar switch	Horn always on, horn inoperative, headlamp inoperative	5171	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Replace front brake light switch	P0572, C1094, C1212	1413	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3
Replace front brake light switch	Stop lamp inoperative, cruise control malfunction	5176	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Replace handlebar (cruise set) switch	P0577	5182	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Replace any fairing switch	Cruise control malfunction	5192	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace start button	Starter inoperative	5818	1.0	1.0	0.2	1.0	1.0	1.0	1.0	1.0
Replace odometer reset switch	B1008	6001	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace odometer reset switch boot	B1008	6002	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace engine stop switch	Serial data missing	6730	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9
Replace engine stop switch	No check engine lamp	7295	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Replace turn signal switch	Both lamps on one side inoperative	6811	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Replace turn signal switch	Both lamps on one side inoperative	6815	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9
Replace ignition switch	U1097, U1255	6782	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Replace ignition switch	Serial data missing	7287	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
FUSES AND RELAYS										
Replace brake relay	P0572, C1095, C1216	1407	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace accessory fuse	P0572	1804	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace fuse	Cruise control malfunction	5145	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace brake relay	Cruise control malfunction	5169	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Harness inspection/wiggle test/replace battery fuse	U1064	6713	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Inspect/access main wire harness/wiggle test/replace ignition fuse	Serial data missing	6729	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
Inspect harness/wiggle test/replace main fuse	Serial data missing	6733	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

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FL4 = FLHTCU Shrine

FC4 = FLHTCU
FMM = FLHTP

FG4 = FLHTCU w/Sidecar
KEM = FLHTK

KH4 = FLTRX

Table 5-8. FLHT/FLTR Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
Access instruments/wiggle test/replace instrument fuse	U1097, U1255	6766	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Access instruments/wiggle test/replace accessory fuse	U1097, U1255	6781	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace starter relay	Starter inoperative	5832	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace starter relay	B1134	6841	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace key switch relay	U1097	7098	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Inspect/main wiring harness/replace battery fuse	No check engine lamp, U1255	7159	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace 15 amp fuse	Engine cranks but will not start, starts hard	7181	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Replace engine control fuse	P1475	7826	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace system relay	Serial data missing, P1001, P1003	7904	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace system relay	P1002	7909	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace system relay	P1004	7911	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Harness inspection/wiggle test/replace ECM fuse	P1003, P1351, P1354	7937	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
CHARGING CIRCUIT										
Milliamp draw	Low battery after extended ignition off	5308	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace stator	Low or no charging	5309	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Total current draw	Diagnose charging system	5310	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace voltage regulator	No or low charging, overcharging	5316	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Replace voltage regulator	Serial data missing	6724	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace rotor	Replace rotor	5319	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Replace battery	Engine cranks but will not start, starts hard, starts - then stalls	7185	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Repair charging system/accompanies other codes	B0563, B1006, B1007, P0562, P0563, C0562, C0563	7771	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
STARTER CIRCUIT										
Replace starter	Solenoid clicks	5817	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

FV4 = FLHT
KB4 = FLHX

FF4 = FLHTC
FL4 = FLHTCU Shrine

FC4 = FLHTCU
FMM = FLHTP

FG4 = FLHTCU w/Sidecar
KEM = FLHTK

KH4 = FLTRX

Table 5-8. FLHT/FLTR Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
Replace starter	Starter spins but does not engage	5825	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Replace starter clutch	Starter spins but does not engage	5837	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Replace starter solenoid	Starter testing, starter relay clicks	5845	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Repair starting system, use in conjunction with additional code(s)	Engine cranks but will not start, starts hard, starts - then stalls	7166	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
IGNITION CIRCUIT										
Replace spark plugs	Engine cranks but will not start, starts hard, starts - then stalls, misfire at idle or under load, rough or rolling idle	7134	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace spark plug	P1353, P1356, P1357, P1358	7548	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace spark plug wire	Engine cranks but will not start, starts hard, starts - then stalls, misfire at idle or under load, rough or rolling idle	7138	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Replace spark plug wire	P1353, P1356, P1357, P1358	7549	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace ignition coil	Misfire at idle or under load, rough or rolling idle	7139	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Replace ignition coil	Engine cranks but will not start, starts hard, starts - then stalls	7226	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Replace ignition coil	P1353, P1356, P1357, P1358	7547	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Replace ignition coil	P1351, P1352, P1354, P1355	7856	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
AIR INTAKE										
Repair intake leak	Misfire at idle or under load, P0131, P0151	7486	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
FUEL SYSTEM										
Replace fuel level sender	B1004, B1005	6035	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0
Replace fuel gauge	B1005	6047	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5
Replace fuel gauge	U1097, U1255	6775	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
Replace purge solenoid	P0444, P0445	6861	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Replace fuel filter or clean fuel pump screen	Starts - then stalls, P1353, P1356, P1357, P1358	7013	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8

FV4 = FLHT
KB4 = FLHX

FF4 = FLHTC
FL4 = FLHTCU Shrine

FC4 = FLHTCU
FMM = FLHTP

FG4 = FLHTCU w/Sidecar
KEM = FLHTK

KH4 = FLTRX

Table 5-8. FLHT/FLTR Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
Repair/replace fuel pump/pressure regulator/fuel line/fuel filter	Starts - then stalls, P1353, P1356, P1357, P1358	7014	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Replace fuel filter screen	Engine cranks but will not start, starts hard, misfire at idle or under load, rough or rolling idle, P0131, P0151	7163	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Repair/replace fuel pump/pressure regulator/fuel line/fuel filter	Engine cranks but will not start, starts hard, misfire at idle or under load, rough or rolling idle, P0131, P0132, P0151, P0152	7164	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Replace fuel injector	Misfire at idle or under load, rough or rolling idle, P0131, P0132, P0151, P0152,	7144	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Replace fuel injector	Emits black smoke	7596	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Replace fuel injector	P0261, P0262, P0263, P0264	7795	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Replace fuel injector	Engine cranks but will not start, starts hard	7992	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Replace fuel pump	Engine cranks but will not start, starts hard	7415	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Replace fuel pump	P1003	7924	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Replace fuel pressure regulator	Emits black smoke	7480	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SENSORS AND ECM										
Replace jiffy stand sensor	P0641, P1501, P1502	5085	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Replace sidecar bank angle sensor	B1152, B1153	6967	---	---	---	---	0.4	---	---	---
Replace sidecar bank angle sensor	B1151	6968	---	---	---	---	0.2	---	---	---
Replace induction module	P0641, P2100, P2102	7085	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Remove and clean or replace induction module	P2101, P2119, P2176	7091	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Replace twist grip sensor or repair connections	P0641, P0651, P2122, P2123, P2127, P2128, P2138	7564	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
Replace induction module	P0120, P0122, P0123, P0220, P0222, P0223, P0505, P2135	7590	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Replace engine temperature (ET) sensor	Emits black smoke	7598	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Replace engine temperature (ET) sensor	P0117, P0118	7710	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4

FV4 = FLHT
KB4 = FLHX

FF4 = FLHTC
FL4 = FLHTCU Shrine

FC4 = FLHTCU
FMM = FLHTP

FG4 = FLHTCU w/Sidecar
KEM = FLHTK

KH4 = FLTRX

Table 5-8. FLHT/FLTR Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
Replace oxygen sensor	P0031, P0032, P0131, P0132, P0134, P0151, P0152, P0154	7667	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Replace crankshaft position (CKP) sensor	P0373, P0374	7981	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Clean or repair crankshaft position (CKP) sensor	P0373, P0374	7982	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace TMAP sensor	Misfire at idle or under load, rough or rolling idle	7152	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Replace TMAP sensor	Emits black smoke	7597	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Replace TMAP sensor	P0107	7630	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Replace TMAP sensor	P0107, P0108, P0651	7650	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Replace TMAP sensor	P0112, P0113	7725	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Replace TMAP sensor	P0112, P0113	7760	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Clean or repair vehicle speed sensor (VSS)	P0501, P0502	7939	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Replace vehicle speed sensor (VSS)	P0501, P0502	7967	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Replace ECM	P0031, P0032, P0131, P0132, P0134, P0151, P0152, P0154, P0262, P0264, U1016	6123	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9
Replace ECM	P1009	6703	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Replace ECM	U1016	6125	---	1.2	1.2	1.2	1.2	1.2	---	1.3
Replace ECM	Automatic compression release diagnosis	7080	---	---	---	---	---	---	0.9	---
Replace ECM	P2100, P2103	7093	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Replace ECM	Misfire at idle or under load, rough or rolling idle	7149	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Replace ECM	Emits black smoke	7601	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Replace ECM	Serial data missing, P0107, P0112, P0120, P0122, P0123, P0220, P0222, P0223, P0505, P1655, P1656, U1300, U1301	7641	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Replace ECM	Engine cranks but will not start, starts hard, starts - then stalls, P0117, P0118, P0373, P0374, P1002, P1351, P1352, P1354, P1355, P1353, P1356, P1357, P1358	7680	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6

FV4 = FLHT
KB4 = FLHX

FF4 = FLHTC
FL4 = FLHTCU Shrine

FC4 = FLHTCU
FMM = FLHTP

FG4 = FLHTCU w/Sidecar
KEM = FLHTK

KH4 = FLTRX

Table 5-8. FLHT/FLTR Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
Replace ECM	P0113, P0572, P0641, P0651, P2122, P2123, P2127, P2128	7740	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Replace ECM	Serial data missing, no check engine lamp, P0261, P0263, P0444, P0445, P0603, P0605, P1001, P1010, P1270, P1475, P1477, P1478, P1501, P1502, P1600, P2107, U1064	7850	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Replace ECM	P0501, P0502	7968	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
HDI ACTIVE EXHAUST										
Replace exhaust actuator	P1475, P1477, P1478	7811	1.1	1.1	1.1	1.1	---	1.1	1.1	1.1
Replace exhaust actuator valve	P1475	7812	1.1	1.1	1.1	1.1	---	1.1	1.1	1.1
Replace exhaust actuator cable	P1475	7814	1.2	1.2	1.2	1.2	---	1.2	1.2	1.2
TURN SIGNALS/INSTRUMENTS/SECURITY/CRUISE										
Replace volt meter	U1097, U1255	6074	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
Replace air temp gauge	U1097, U1255	6075	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
Replace oil pressure gauge	U1097, U1255	6076	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
Replace cigarette lighter	U1097, U1255	6077	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5
Perform ECM TSM/TSSM/HFSM module replace procedure	P1009	6701	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replaced TSM/TSSM/HFSM, system now ok	P1009	6702	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replaced TSM/TSSM/HFSM, system now ok	P1010	6707	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Replace FOB battery	Fails to disarm	6755	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace FOB	Fails to disarm	6756	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Replace bulb	Both lamps on one side inoperative, flash at double normal rate, B1121, B1122	6796	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Replace bulb	Flash at double normal rate	6820	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Remove corrosion	Flash at double normal rate	6821	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Remove corrosion/replace bulb	Flash at double normal rate	6822	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4

FV4 = FLHT
KB4 = FLHX

FF4 = FLHTC
FL4 = FLHTCU Shrine

FC4 = FLHTCU
FMM = FLHTP

FG4 = FLHTCU w/Sidecar
KEM = FLHTK

KH4 = FLTRX

Table 5-8. FLHT/FLTR Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
Replace lamp assembly	Flash at double normal rate, B1121, B1122	6823	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5
Replace speedometer	Serial data missing, no check engine lamp, U1016, U1097, U1255,	6072	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Replace speedometer	No security lamp during bulb check	6738	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace speedometer	U1300, U1301	6765	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Replace speedometer	Cruise control malfunction	6769	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace speedometer	No check engine lamp, Security lamp on continuously after bulb check, B1008	7311	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace TSM/TSSM\HFSM	Starter inoperative - nothing clicks	5838	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Replace TSM/TSSM\HFSM	U1016, U1064, U1255	6717	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Replace TSM/TSSM\HFSM	Will not cancel upon turn completion	6773	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Replace TSM/TSSM\HFSM	Starter inoperative, nothing clicks, fails to disarm, both lamps on one side inoperative, flash at double normal rate, no check engine lamp, B1121, B1122, B1123, B1124, B1125, B1126, B1134, B1141, B1143, B1144, B1145, B1154, B1155	6791	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Replace TSM/TSSM\HFSM	B1131	6833	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Replace TSM/TSSM\HFSM	B1135	6845	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Replace TSM/TSSM\HFSM	B1152, B1153	6963	---	---	---	---	0.6	---	---	---
Replace TSM/TSSM\HFSM	Serial data missing, U1300, U1301	7998	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Replace tachometer	Cruise control malfunction	6009	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace tachometer	Serial data missing, no check engine lamp, U1016, U1097, U1255	6772	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Replace tachometer	U1300, U1301	6803	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Replace security siren	B1131, B1132	6832	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Replace security siren	B1151	6969	---	---	---	---	0.3	---	---	---
Replace security siren	No check engine lamp	7161	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Replace security antenna	B1143, B1144, B1145	6878	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

FV4 = FLHT
KB4 = FLHX

FF4 = FLHTC
FL4 = FLHTCU Shrine

FC4 = FLHTCU
FMM = FLHTP

FG4 = FLHTCU w/Sidecar
KEM = FLHTK

KH4 = FLTRX

Table 5-8. FLHT/FLTR Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
Replace security antenna harness	B1145	6881	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
AUTOMATIC COMPRESSION RELEASE										
Replace ACR solenoid	P1655, P1656	7077	---	---	---	---	---	2.3	2.3	---
ABS BRAKES										
Replace ABS diode pack	P0572, C1095, C1216	1404	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Worn or damaged wheel bearings or suspension components, may be used in conjunction with other codes	C1021, C1023, C1025, C1027, C1206, C1208	1412	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Reroute brake lines	C1151, C1153	1418	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Replace ABS hydraulic control unit (HCU)	P0572, C0562, C1014, C1017, C1018, C1021, C1023, C1025, C1027, C1032, C1034, C1042, C1043, C1055, C1056, C1057, C1061, C1062, C1065, C1066, C1094, C1095, C1118, C1121, C1151, C1153, C1158, C1206, C1208, C1214, C1216	1427	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Replace ABS electronic control unit (ECU)	P0572, C0562, C1014, C1017, C1018, C1021, C1023, C1025, C1027, C1032, C1034, C1042, C1043, C1055, C1056, C1057, C1061, C1062, C1065, C1066, C1094, C1095, C1118, C1121, C1151, C1153, C1158, C1206, C1208, C1214, C1216	2430	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Replace ABS front wheel sensor	C1021, C1025, C1032, C1206	2439	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Replace rear wheel speed sensor	C1023, C1027, C1034, C1208	2440	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
HEATED GRIPS										
Replace heated handlebar grip	Left	6553	---	---	---	---	---	1.2	---	---
Replace heated handlebar grip	Right	6554	---	---	---	---	---	0.3	---	---
Replace fuse	Heated grips inoperative	6556	---	---	---	---	---	0.1	---	---
SOUND SYSTEM										
Replace mode switch	B2009	5183	---	1.5	1.5	1.5	1.5	1.5	---	1.6

FV4 = FLHT
KB4 = FLHX

FF4 = FLHTC
FL4 = FLHTCU Shrine

FC4 = FLHTCU
FMM = FLHTP

FG4 = FLHTCU w/Sidecar
KEM = FLHTK

KH4 = FLTRX

Table 5-8. FLHT/FLTR Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
Replace PTT/squelch switch	B2009	5184	---	1.2	1.2	1.2	1.2	1.2	---	1.3
Replace audio switch	B2009	5186	---	1.4	1.4	1.4	1.4	1.4	---	1.5
Replace radio	Switches inoperative, B2006 - B2027	6101	---	0.6	0.6	0.6	0.6	0.6	---	0.7
Replace radio	U1302, U1307, U1317	6102	---	---	---	0.7	0.7	0.7	---	---
Replace radio	Poor/no reception AM (HDI LW/MW), FM, WB, radio inoperative, intercom inoperative, handheld microphone PTT inoperative, speaker switch malfunction, CD won't eject on base radio, auxiliary input inoperative, headset speakers inoperative	6103	---	0.7	0.7	0.7	0.7	0.7	---	0.8
Replace radio	No or low audio with high output amplifier (no DTCs)	6104	---	---	---	---	0.8	---	---	---
Replace radio	CB receiver inoperative	6105	---	---	---	1.0	1.0	1.0	---	---
Replace radio	No or low audio from microphones	6106	---	---	---	1.0	1.0	1.0	---	---
Replace radio	Serial data missing, U1300, U1301	6120	---	1.0	1.0	1.0	1.0	1.0	---	1.1
Replace radio	CD skipping	6174	---	0.9	0.9	0.9	0.9	0.9	---	1.0
Replace high output amplifier	B2016 - B2023	6107	---	---	---	---	0.6	---	---	---
Replace high output amplifier	U1302	6108	---	---	---	---	0.7	---	---	---
Replace high output amplifier	U1317	6109	---	---	---	---	0.4	---	---	---
Replace high output amplifier	No or low audio with high output amplifier (no DTCs)	6110	---	---	---	---	0.8	---	---	---
Replace sidecar console switch assembly	Switches inoperative, B2015	6111	---	---	---	---	0.8	---	---	---
Replace fuse	No or low audio with high output amplifier (no DTCs), U1317	6130	---	---	---	---	0.2	---	---	---
Replace fuse	Radio inoperative	6136	---	0.2	0.2	0.2	0.2	0.2	---	0.2
Replace spark plugs	Static present in audio	6132	---	0.4	0.4	0.4	0.4	0.4	---	0.4
Replace spark plug wires	Static present in audio	6133	---	0.4	0.4	0.4	0.4	0.4	---	0.4
Replace voltage regulator	Static present in audio	6134	---	0.3	0.3	0.3	0.3	0.3	---	0.3
Replace starter relay	Radio inoperative	6138	---	0.5	0.5	0.5	0.5	0.5	---	0.6

FV4 = FLHT
KB4 = FLHX

FF4 = FLHTC
FL4 = FLHTCU Shrine

FC4 = FLHTCU
FMM = FLHTP

FG4 = FLHTCU w/Sidecar
KEM = FLHTK

KH4 = FLTRX

Table 5-8. FLHT/FLTR Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS							
			FV4	KB4	FF4	FC4 FL4	FG4	KEM	FMM	KH4
Replace speaker switch	Speaker switch malfunction	6143	---	---	---	0.6	0.6	0.6	---	---
Align radio chassis	CD skipping	6171	---	0.4	0.4	0.4	0.4	0.4	---	0.5
Align or replace front motor mount	CD skipping	6173	---	0.9	0.9	0.9	0.9	0.9	---	1.0
Replace speaker	B2016, B2017	6605	---	0.3	0.3	0.3	0.4	0.3	---	0.4
Replace speaker	B2020, B2021	6606	---	---	---	0.5	0.5	0.5	---	---
Replace speaker	B2024, B2025	6943	---	---	---	---	0.8	---	---	---
Replace antenna cable or mast connector	Poor/no reception AM (HDI LW/MW), FM, WB, CB transmitter inoperative, CB receiver inoperative	6609	---	0.8	0.8	0.9	0.9	0.9	---	0.9
Replace CB antenna mast	CB receiver inoperative, CB transmitter inoperative	6613	---	---	---	0.4	0.4	0.4	---	---
Replace headset harness	Handheld microphone PTT inoperative, headset speakers inoperative	6616	---	---	---	0.7	0.7	0.7	---	---
Replace CB module includes SWR check	CB receiver inoperative, CB transmitter inoperative, no or low audio from microphones, U1302, U1307	6625	---	---	---	0.7	0.7	0.7	---	---
Replace passenger rear control switch	B2012	6627	---	---	---	0.7	0.7	0.7	---	---

NOTES

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Unless otherwise specified, Job Times shown include all operations necessary to complete the listed job.

FB4 = FLHR

FR4 = FLHRC

FW4 = FLHR Shrine

FHM = FLHP Police

FTM = FLHPE

Table 6-1. Service

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
NEW					
Set-up and predelivery		---	2.0	2.0	2.0
1,000 mile service		---	2.5	2.5	2.5
REGULAR					
5,000 mile maintenance		---	1.8	1.8	1.8
10,000 mile maintenance		---	2.3	2.3	2.3
15,000 mile maintenance		---	1.6	1.6	1.6
20,000 mile maintenance		---	2.6	2.6	2.6
25,000 mile maintenance		---	2.9	2.9	2.9
30,000 mile maintenance		---	2.5	2.5	2.5
35,000 mile maintenance		---	1.8	1.8	1.8
40,000 mile maintenance		---	2.4	2.4	2.4
45,000 mile maintenance		---	1.4	1.4	1.4
50,000 mile maintenance		---	7.0	7.0	7.0
Addition to any maintenance- required every 2 years	flush/fill D.O.T 4 brake fluid- front and rear NON ABS models	---	0.6	0.6	0.6
Addition to any maintenance- required every 2 years	flush/fill D.O.T 4 brake fluid- front and rear ABS models	---	1.2	1.2	1.2
Addition to 1,000, 5,000 and 20,000 mile (1,600, 8,000, and 32,000 km) maintenance and every 15,000 mile (24,000 km) interval there after	Tighten spoke wheels if equipped, time per wheel	---	0.5	0.5	0.5

Table 6-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
PAINT REPAIR					
NOTE: Use these codes when repairing any painted part on vehicle with the kent moore finesse kit or other paint repair methods					
Light scuff/scratch - buff		1102	0.2	0.2	0.2
Light sanding/buff/blend		1104	0.4	0.4	0.4
Buff entire part		1106	0.6	0.6	0.6
Repair build up in clear/paint		1108	0.8	0.8	0.8
Color blend/paint/buff		1110	1.0	1.0	1.0
DRIVE					
Adjust secondary belt	at PDI only	2010	0.3	0.3	0.3
Replace secondary belt		2011	3.4	3.4	3.4
Replace rear wheel sprocket		2021	0.8	0.8	0.8
Replace rear wheel sprocket bearing	both	2012	1.0	1.0	1.0
Replace rear wheel compensator cushion		2013	0.9	0.9	0.9
WHEELS					
Replace tire/or inner tube - includes balancing	front	2106	0.6	0.6	0.6
Replace tire/or inner tube - includes balancing	rear	2111	0.8	0.8	0.8
Replace wheel assembly - includes disc and sprocket exchange, bearing install and balancing	front	2113	1.0	1.0	1.0
Replace wheel assembly - includes disc and sprocket exchange, bearing install and balancing	rear	2114	1.5	1.5	1.5
Replace rim, hub or spokes- includes truing and balancing	front	2116	2.2	2.2	---
Replace rim, hub or spokes- includes truing and balancing	rear	2121	2.4	2.4	---
Replace wheel bearings	front	2136	0.7	0.7	0.7
Replace wheel bearings	rear	2141	0.9	0.9	0.9
Check or true spoke wheel	each wheel	2155	0.5	0.5	---

FB4 = FLHR

FR4 = FLHRC

FW4 = FLHR Shrine

FHM = FLHP Police

FTM = FLHPE

Table 6-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
HANDLEBARS					
Replace handlebars		2206	1.5	1.4	1.5
Replace handlebar cover		2209	0.2	0.2	0.3
Replace clutch hand lever		2221	0.2	0.2	0.2
Replace clutch hand lever bracket		2226	0.2	0.2	0.2
Replace both rubber handlebar mounts		2246	1.0	1.0	1.0
Replace rubber handlebar grip		2251	0.2	0.2	0.2
Replace handlebar riser	one or both	2253	1.0	1.0	1.0
Replace handlebar clamp		2254	0.8	0.8	0.8
FRAME/SWING ARM/FRONT FORK					
Adjust steering head bearings		2290	0.7	0.7	0.7
Change front fork oil	both sides	---	1.6	1.6	1.6
Replace frame	includes removal and installation of all accessories and motorcycle components	2306	16.0	16.0	16.0
Replace tail section sub frame		2339	1.6	1.6	1.8
Replace rear frame section and tag bracket		2308	---	---	1.0
Replace lower fork bracket and stem		2316	3.2	3.2	3.2
Replace steering head cups and bearings, including bearing adjustment		2321	3.2	3.2	3.2
Replace upper fork bracket		2326	2.7	2.7	2.7
Replace fork lock		2329	0.3	0.3	0.3
Replace headlamp nacelle		2331	0.6	0.6	0.6
Service or replace fork slider and/or seal – includes removal, disassembly, cleaning, inspection, replacing parts, servicing damper tube, replacing bushings, assembly and installation	one side	2341	1.9	1.9	1.9

Table 6-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
Service or replace fork slider and/or seal – includes removal, disassembly, cleaning, inspection, replacing parts, servicing damper tube, replacing bushings, assembly and installation	both sides	2342	2.3	2.3	2.3
Replace fork side	one side	2346	1.2	1.2	1.2
Replace fork side	both sides	2351	1.5	1.5	1.5
Replace fork tube	one side	2356	1.4	1.4	1.4
Replace fork tube	both sides	2361	1.7	1.7	1.7
Replace fork slider cover	one side	2499	1.3	1.3	1.3
Replace rear swing arm and/or bearings		2366	1.9	1.9	1.9
Replace rear fork pivot shaft		2368	0.8	0.8	0.8
Replace rear shock air line		2369	0.2	0.2	0.2
Replace rear shock absorber assembly	one side	2371	0.2	0.2	0.2
Replace rear shock absorber assembly	both sides	2376	0.4	0.4	0.4
Replace jiffy stand	complete	2391	0.3	0.3	0.3
Replace jiffy stand	spring and/or stand	2396	0.2	0.2	0.2
Replace jiffy stand	rubber bumper	2399	0.1	0.1	0.1
Replace footboard / foot peg		2394	0.2	0.2	0.2
Replace footboard insert		2299	0.1	0.1	0.1
Replace motor mount	rear right	2395	1.2	1.2	1.2
Replace motor mount	rear left	2397	0.3	0.3	0.3
Replace motor mount	both front rubber mounts and/or front mount bracket	2398	1.4	1.4	1.4
BRAKES					
Replace hydraulic brake line – does not include bleeding brakes use with appropriate bleed code (non ABS vehicles only)	front (non ABS vehicles)	2406	0.8	0.8	0.8

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Table 6-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
Replace hydraulic brake line – does not include bleeding brakes use with appropriate bleed code (non ABS vehicles only)	rear (non ABS vehicles)	2411	0.4	0.4	0.4
Replace hydraulic brake line – does not include filling/bleeding brakes, use with appropriate bleed code (ABS vehicles only)	front, mastercylinder to ABS unit (ABS vehicles only)	2463	1.1	1.1	1.1
Replace hydraulic brake line – does not include filling/bleeding brakes, use with appropriate bleed code (ABS vehicles only)	rear, master cylinder to ABS unit (ABS vehicles only)	2464	0.3	0.3	0.3
Replace hydraulic brake line – does not include filling/bleeding brakes, use with appropriate bleed code (ABS vehicles only)	front, ABS unit to calipers (ABS vehicles only)	2465	1.1	1.1	1.1
Replace hydraulic brake line – does not include filling/bleeding brakes, use with appropriate bleed code (ABS vehicles only)	rear, ABS unit to rear caliper (ABS vehicles only)	2467	0.3	0.3	0.3
Replace brake pads	front – each caliper	2416	0.1	0.1	0.1
Replace brake pads	rear	2421	0.3	0.3	0.3
Replace brake caliper – does not include bleeding brakes, use with appropriate bleed code	front – each caliper	2426	0.3	0.3	0.3
Replace brake caliper – does not include bleeding brakes, use with appropriate bleed code	rear	2431	0.5	0.5	0.5
Replace rear brake caliper mount		2408	0.5	0.5	0.5
Replace brake caliper screen	front – each caliper	2428	0.1	0.1	0.1
Replace brake rotor	front – one side	2436	0.3	0.3	0.3
Replace brake rotor	front – both sides	2437	0.4	0.4	0.4
Replace brake rotor	rear	2441	1.0	1.0	1.0
Bleed brake caliper	front (both calipers) - non ABS	2442	0.3	0.3	0.3
Bleed brake caliper	rear - non ABS	2443	0.2	0.2	0.2

Table 6-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
Bleed brake caliper – front (one or two calipers) or rear caliper	ABS vehicles only - includes bleeding and verifying system function with Digital Technician II	2446	0.6	0.6	0.6
Replace master cylinder assembly - does not include bleeding brakes, use with appropriate bleed code	front	2461	0.3	0.3	0.3
Replace master cylinder assembly - does not include bleeding brakes, use with appropriate bleed code	rear	2466	0.4	0.4	0.4
Replace master cylinder cover	front or rear	2479	0.1	0.1	0.1
Rebuild master cylinder assembly – does not include bleeding brakes, use with appropriate bleed code	front	2471	0.4	0.4	0.4
Rebuild master cylinder assembly – does not include bleeding brakes, use with appropriate bleed code	rear	2476	0.5	0.5	0.5
Replace ABS hydraulic control unit (HCU)	or gasket, used if module leaking, includes bleeding both brakes and verifying system function with Digital Technician II (ABS vehicles only)	2473	1.7	1.7	1.7
Replace rear brake pedal		2492	0.3	0.3	0.3
Replace front brake lever		2494	0.2	0.2	0.2
SEATS/FENDERS/TANKS					
Replace seat and/or strap or spring(s) and / or hinge bracket		2506	0.1	0.1	0.2
Replace top frame cover (solo seat)		2510	---	---	0.3
Replace seat air spring		2514	---	---	0.4
Replace air tank		2516	---	---	0.8
Replace air line		2518	---	---	0.5
Replace fender	front	2526	1.0	1.0	1.0
Replace fender	rear (includes installing new wire conduit where applicable)	2531	1.0	1.0	1.0

FB4 = FLHR

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FW4 = FLHR Shrine

FHM = FLHP Police

FTM = FLHPE

Table 6-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
Replace license plate mount		2525	0.4	0.4	0.4
Replace wire conduit	rear fender	2533	0.7	0.7	0.7
Replace rear fender support cover	left or right	2536	0.2	0.2	0.2
Replace fuel tank assembly		2541	1.2	1.2	1.2
Replace fuel tank console / instrument panel		2553	0.3	0.3	0.3
Replace fuel tank console rubber molding strip		2557	0.2	0.2	0.2
Replace dash insert	fuel tank console	2558	0.2	0.2	0.2
Replace fuel tank gauge		2563	0.3	0.3	0.3
Replace fuel level sending unit		2564	0.5	0.5	0.5
Replace fuel tank check valve assembly	includes fuel line attached to check valve	2567	0.6	0.6	0.6
Replace canopy gasket		2570	0.4	0.4	0.4
Replace fuel filter		2575	0.5	0.5	0.5
Replace fuel transfer hose inside tank		2579	0.5	0.5	0.5
Replace fuel tank trim or medallion		6507	0.3	0.3	---
Replace oil filter		2582	0.1	0.1	0.1
BELT GUARDS					
Replace rear belt guard – debris deflector		2616	0.2	0.2	0.2
EXHAUST SYSTEM					
Replace complete exhaust system and/or gaskets		2626	1.1	1.1	1.1
Replace exhaust pipe	right side header assembly and/or port gaskets	2631	1.0	1.0	1.0
Replace exhaust pipe	left side cross under pipe, support clamp and/or gasket	2636	0.3	0.3	0.3
Replace one muffler		2646	0.2	0.2	0.2
Replace rear exhaust support bracket	at transmission side cover	2651	0.4	0.4	0.4
Replace any one exhaust shield		2661	0.1	0.1	0.1
Replace one muffler support		2666	0.2	0.2	0.2

Table 6-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
GENERAL					
Remove and install engine includes oil passage gasket	California vehicles only	3006	4.6	4.6	4.6
Remove and install engine includes oil passage gasket		3006	4.5	4.5	4.5
Replace stabilizer link or stabilizer bracket	top front	3005	0.2	0.2	0.2
Remove and replace oil pan for inspection / decontamination	with engine removed	3009	0.3	0.3	0.3
Replace dipstick		3480	0.1	0.1	0.1
CYLINDER HEAD					
Recondition cylinder head – includes removal of head and gasket, remove carbon, service valve guides, grind valves and seats, test springs and install head and gaskets	front head	3101	4.5	4.5	4.5
Recondition cylinder head – includes removal of head and gasket, remove carbon, service valve guides, grind valves and seats, test springs and install head and gaskets	rear head	3103	4.5	4.5	4.5
Recondition cylinder head – includes removal of head and gasket, remove carbon, service valve guides, grind valves and seats, test springs and install head and gaskets	both heads	3104	5.1	5.1	5.1
Replace cylinder head	one head	3106	3.5	3.5	3.5
Replace cylinder head	both heads	3108	4.4	4.4	4.4
Replace valve seal or spring after cylinder head removal	one seal or spring (intake or exhaust)	3131	0.1	0.1	0.1
Replace valve seal or spring after cylinder head removal	both seals or springs (intake or exhaust)	3132	0.2	0.2	0.2
Replace cylinder head gasket/O-ring	front cylinder	3140	2.6	2.6	2.6
Replace cylinder head gasket/O-ring	rear cylinder	3142	2.6	2.6	2.6

FB4 = FLHR

FR4 = FLHRC

FW4 = FLHR Shrine

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FTM = FLHPE

Table 6-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
Replace cylinder head gasket/O-ring	both cylinders	3143	3.0	3.0	3.0
Replace rocker arm covers and/or gaskets	front cylinder	3144	0.8	0.8	0.8
Replace rocker arm covers and/or gaskets	rear cylinder	3145	0.8	0.8	0.8
Replace rocker arm covers and/or gaskets	both cylinders	3148	0.9	0.9	0.9
Recondition rocker arms after heads are removed	one head	3149	0.7	0.7	0.7
Recondition rocker arms after heads are removed	both heads	3150	1.4	1.4	1.4
Replace lower rocker arm cover/gasket, or rocker arms and /or shafts/rocker arm support	front cylinder	3147	1.2	1.2	1.2
Replace lower rocker arm cover/gasket, or rocker arms and /or shafts/rocker arm support	rear cylinder	3152	1.2	1.2	1.2
Replace lower rocker arm cover/gasket, or rocker arms and /or shafts/rocker arm support	both cylinders	3153	1.9	1.9	1.9
Replace cylinder o-ring/drain o-ring	front cylinder	3161	2.8	2.8	2.8
Replace cylinder o-ring/drain o-ring	rear cylinder	3163	2.8	2.8	2.8
Replace cylinder o-ring/drain o-ring	both cylinders	3168	3.2	3.2	3.2
Replace crankcase umbrella valve	one	3172	1.1	1.1	1.1
Replace crankcase umbrella valve	both	3174	1.2	1.2	1.2
CYLINDER AND PISTON					
Recondition top end - includes disassembly, replacement of piston and sizing cylinder (.005" oversize pistons), replacing piston rings and all items listed under recondition cylinder head and assembly	one piston and cylinder	3202	5.5	5.5	5.5
Recondition top end - includes disassembly, replacement of piston and sizing cylinder (.005" oversize pistons), replacing piston rings and all items listed under recondition cylinder head and assembly	both pistons and cylinders	3203	6.1	6.1	6.1
Replace piston rings – includes deglazing cylinder	one cylinder	3206	3.1	3.1	3.1

Table 6-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
Replace piston rings – includes deglazing cylinder	both cylinders	3216	3.7	3.7	3.7
Recondition top end – includes disassembly, deglazing cylinder and replacing rings, or replacing cylinder and piston, all items listed under recondition cylinder head and assembly	one piston and cylinder	3207	5.3	5.3	5.3
Recondition top end – includes disassembly, deglazing cylinder and replacing rings, or replacing cylinder and piston, all items listed under recondition cylinder head and assembly	both pistons and cylinders	3208	5.9	5.9	5.9
Recondition top end - includes disassembly, replacement of piston and bore and hone, resizing cylinder (.010" oversize or above), replacing piston rings and all items listed under recondition cylinder head and assembly	one piston and cylinder	3211	5.9	5.9	5.9
Recondition top end - includes disassembly, replacement of piston and bore and hone, resizing cylinder (.010" oversize or above), replacing piston rings and all items listed under recondition cylinder head and assembly	both pistons and cylinders	3212	6.5	6.5	6.5
Replace piston and piston rings – includes removal of cylinder head and cylinder, fitting new piston with rings, resizing cylinder and assembly	one cylinder	3221	3.7	3.7	3.7
Replace piston and piston rings – includes removal of cylinder head and cylinder, fitting new piston with rings, resizing cylinder and assembly	both cylinders	3231	4.9	4.9	4.9
Replace cylinder and piston	one cylinder	3236	3.0	3.0	3.0
Replace cylinder and piston	both cylinders	3246	3.5	3.5	3.5
Replace one cylinder stud	cylinder removed	3253	0.1	0.1	0.1
Replace all eight cylinder studs	cylinders removed	3254	0.5	0.5	0.5

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FW4 = FLHR Shrine

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FTM = FLHPE

Table 6-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
CAM COVER					
Replace lifter cover/gasket or lifter/and, or anti-rotation pin	one or two same cylinder	3307	1.4	1.4	1.4
Replace lifter cover/gasket or lifter/and, or anti-rotation pin	on both cylinders	3310	1.7	1.7	1.7
Replace push rod, push rod cover and/or o-ring or quad seal	one or two same cylinder	3317	1.4	1.4	1.4
Replace push rod, push rod cover and/or o-ring or quad seal	one each cylinder	3318	1.6	1.6	1.6
Replace cam cover and/or gasket		3325	1.6	1.6	1.6
Replace primary cam chain, sprockets and/or fastener		3327	1.7	1.7	1.7
Replace primary cam chain tensioner		3328	1.7	1.7	1.7
Replace cam support plate/o-rings		3335	2.8	2.8	2.8
Replace cam support plate		3337	3.5	3.5	3.5
Replace cam support bearing/cams/secondary cam chain/tensioner		3338	3.7	3.7	3.7
Replace oil pump and/or o-rings		3341	2.6	2.6	2.6
Replace cam bearing crankcase	one bearing	3342	3.4	3.4	3.4
Replace cam bearing crankcase	two bearings	3343	3.7	3.7	3.7
By pass valve inspection		3354	2.7	2.7	2.7
CRANKCASE					
Replace crankcases	California vehicles only –includes remove and install engine	3406	8.0	8.0	8.0
Replace crankcases	includes remove and install engine	3406	7.9	7.9	7.9
Seal crankcase only		3407	6.8	6.8	6.7
Replace flywheels	includes remove and install engine	3411	7.5	7.5	7.5

Table 6-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
Replace right side main bearing	California vehicles only	3412	7.5	7.5	7.4
Replace right side main bearing		3412	7.4	7.4	6.9
Replace left side main bearing	California vehicles only	3410	7.0	7.0	7.0
Replace left side main bearing		3410	6.9	6.9	6.9
Piston jet/o-ring	one	3413	3.0	3.0	3.0
Piston jet/o-ring	both	3414	3.4	3.4	3.4
Replace crank position sensor o-ring		3403	0.1	0.1	0.1
Check flywheel trueness before assembly or after removal		3420	0.1	0.1	0.1
Recondition cylinder heads – head removed for non-related repairs	one head	3425	1.0	1.0	1.0
Recondition cylinder heads – head removed for non-related repairs	both heads	3426	2.0	2.0	2.0
Replace piston rings	cylinders removed (for non-related repairs – deglaze only)	3428	0.3	0.3	0.3
Replace pistons	cylinders removed (for non-related repairs) includes resizing cylinders	3430	1.4	1.4	1.4
Replace oil filter mount end cap and/or gasket		4519	---	---	0.2
Replace oil cooler		4525	---	---	0.4
Replace oil cooler mounting bracket		4526	---	---	0.4
Replace oil cooler hose and/or clamp	one or both	4528	---	---	0.6
Replace oil filter mount/fittings		4533	---	---	0.4
FUEL SYSTEM					
Replace air cleaner backing plate		3501	0.2	0.2	0.2
Replace air cleaner cover		3502	0.1	0.1	0.1
Replace induction module		3508	1.1	1.1	1.1
Replace induction module seal		3510	1.2	1.2	1.2

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FTM = FLHPE

Table 6-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
Replace external fuel supply hose		3514	0.2	0.2	0.2
EVAPORATIVE EMISSIONS SYSTEM					
Replace evaporative purge solenoid		3522	0.3	0.3	0.3
Replace canister		3527	0.5	0.5	0.5
Replace any one hose		3529	0.4	0.4	0.4

Table 6-4. Drive and Clutch

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
DRIVE					
Replace primary derby cover and/or gasket/o-ring		4001	0.1	0.1	0.1
Replace primary chain		4002	0.9	0.9	0.9
Replace Primary chain tensioner		4033	0.8	0.8	0.8
Replace engine sprocket		4003	0.9	0.9	0.9
Replace engine sprocket seal		4005	2.4	2.4	2.4
Replace primary cover		4007	0.6	0.6	0.6
Replace inner primary case &/or seals or bearing		4008	2.1	2.1	2.1
Replace primary cover gasket		4009	0.6	0.6	0.6
Replace shift lever	heel or toe	4012	0.1	0.1	0.1
Replace shift lever shaft and/or inner lever	includes removal of heel and toe shift levers	4017	0.2	0.2	0.2
Replace starter-primary o-ring		4034	0.6	0.6	0.6
CLUTCH					
Adjust clutch		---	0.2	0.2	0.2
Replace release cable assembly		4006	1.2	1.2	1.2
Service the clutch	includes disassembly, cleaning, inspection repair, assembly ,and adjustment	4011	1.3	1.3	1.3
Replace clutch release bearing and/or push rod		4016	1.2	1.2	1.2
Replace clutch release (ball ramp) and/or side cover		4018	1.6	1.6	1.6

FB4 = FLHR

FR4 = FLHRC

FW4 = FLHR Shrine

FHM = FLHP Police

FTM = FLHPE

Table 6-5. Transmission

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
TRANSMISSION CASE					
Replace transmission case		4304	5.3	5.3	5.3
Replace transmission complete- Includes RRI oil passage gasket		4305	4.9	4.9	4.9
Overhaul transmission	includes disassembly, cleaning, inspection, replacing parts (transmission case in frame)	4306	4.6	4.6	4.6
Replace transmission sprocket		4309	2.6	2.6	2.6
Replace main drive gear oil seal	in transmission case	4311	2.7	2.7	2.7
Replace mainshaft oil seal	in main drive gear	4316	2.2	2.2	2.2
Replace side door gasket		4321	2.8	2.8	2.8
Replace shifter drum		4331	2.9	2.9	2.9
Replace shifter arm assembly or springs		4336	3.0	3.0	3.0
Replace transmission top cover and/or gasket		4341	0.6	0.6	0.6
Replace shifter forks and/or shaft		4343	2.9	2.9	2.9
Replace side door bearing	one	4348	3.1	3.1	3.1
Replace side door bearing	both	4351	3.2	3.2	3.2
Replace transmission case countershaft bearing		4361	3.1	3.1	3.1
Replace main drive gear and/or bearing		4366	3.4	3.4	3.4
Replace transmission side cover gasket		4368	1.1	1.1	1.1
Replace oil pan and/or gasket		4378	0.9	0.9	0.9
Replace transmission shifter shaft seal		4390	2.2	2.2	2.2
Replace vehicle speed sensor o-ring		4380	0.7	0.7	0.7

Table 6-6. OEM Accessories

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
ACCESSORIES					
Replace windshield	entire assembly	6203	0.1	0.1	0.1
Replace windshield	window only	6204	0.3	0.3	0.3
Replace windshield bushing	all or one	6208	0.2	0.2	0.2
Replace spring clip on windshield		6210	0.2	0.2	0.2
Replace saddlebag mounting bracket or bail head stud/retainer		6253	0.2	0.2	0.2
Replace saddlebag guard		6254	0.3	0.3	0.3
Replace a single saddlebag guard rail		6256	---	---	0.2
Replace saddlebag		6257	0.2	0.2	0.2
Replace saddlebag lock		6259	---	0.2	0.3
Replace saddlebag cover	one	6260	---	0.2	0.3
Replace saddlebag bottom	one bottom only	6244	---	0.3	0.4
Replace saddlebag latch		6261	0.2	0.2	0.2
Replace one saddlebag tether strap		6262	---	0.1	---
Replace one frame sidecover or mounting grommet		6263	0.1	0.1	0.1
Replace lock-set		6276	0.5	0.7	0.7
Replace fender tip	front	6302	0.1	0.1	---
Replace fender tip	rear	6304	0.1	---	---
Replace bumper	front	6303	---	---	0.3
Replace bumper	rear	6305	---	0.2	0.2
Replace highway bar	front	6353	0.3	0.3	0.4
Replace rear view mirror	one or both	6513	0.1	0.1	0.1
Replace amplifier		6521	---	---	0.2
Replace speaker		6523	---	---	0.1
Replace strobe lamp		6526	---	---	0.6

FB4 = FLHR

FR4 = FLHRC

FW4 = FLHR Shrine

FHM = FLHP Police

FTM = FLHPE

Table 6-6. OEM Accessories

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
Repair or replace rear mount		6529	---	---	0.3

Table 6-7. Electrical - General

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
INSTRUMENTS					
Fuel gauge, see fuel tank		----	---	---	---
Replace speedometer	Cosmetic issue	6003	0.3	0.3	0.3
Replace tachometer	Cosmetic issue	6009	---	---	0.3
Replace indicator panel lens		6018	0.1	0.1	0.1
Replace odometer reset switch boot		6043	0.1	0.1	0.1
WIRING					
Replace connector housing		5022	0.1	0.1	0.1
Replace connector anchor		5023	0.1	0.1	0.1
Replace main wiring harness		5026	3.1	3.1	3.1
Replace rear fender wiring harness	Includes installing new conduit	5036	1.0	1.0	1.0
Replace front fender wiring harness		5049	---	0.9	0.9
Replace main harness trough/tray	Lower trough, or both lower trough and cover	5078	0.9	0.9	0.9
Replace main harness trough cover	Trough cover only	5079	0.4	0.4	0.4
SWITCHES					
Replace handlebar cruise on/off switch		5128	0.5	0.5	0.5
Replace ignition switch		5129	0.3	0.3	0.3
Replace fuse		5145	0.2	0.2	0.2
Replace main fuse or cover		5147	0.2	0.2	0.2
Replace main fuse block		5151	0.5	0.5	0.5
Replace rear stoplight relay		5169	0.2	0.2	0.2
Replace right handlebar switch		5173	0.7	0.7	0.7
Replace left upper handlebar switch housing		5177	0.2	0.2	0.2
Replace left lower handlebar switch housing		5178	0.3	0.2	0.4
Replace right upper handlebar switch housing		5179	0.2	0.2	0.2
Replace right lower handlebar switch housing		5180	0.7	0.7	0.7

FB4 = FLHR

FR4 = FLHRC

FW4 = FLHR Shrine

FHM = FLHP Police

FTM = FLHPE

Table 6-7. Electrical - General

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
Replace handlebar cruise set/res. Switch		5182	1.0	1.0	1.0
Replace any nacelle switch		5192	0.5	0.5	0.5
Replace switch knob	Any handlebar switch	6953	0.4	0.4	0.4
LIGHTS					
Replace headlight housing	Includes adjustment	5189	0.2	0.2	0.2
Replace turn signal light assembly	Front	5201	0.4	0.4	0.4
Replace turn signal light assembly	Rear	5205	0.4	0.4	0.4
Replace rear turn signal bar		5207	0.4	0.4	0.4
Replace fender tip light bulb or lens, includes diagnosis	Front	5217	---	0.1	0.1
Replace fender tip light bulb or lens, includes diagnosis	Rear	5221	0.1	0.1	0.1
Replace fender tip lamp assembly	Front	5225	---	0.2	0.2
Replace fender tip lamp assembly	Rear	5229	0.3	0.3	0.3
Replace auxiliary lamp assembly	Includes adjustment	5230	0.5	0.5	0.5
Replace auxiliary lamp bracket	Includes adjustment	5232	0.8	0.8	0.8
Replace license plate light assembly		5247	---	0.4	0.4
BATTERY					
Replace the battery	Includes diagnosis	5705	0.3	0.3	0.3
Replace battery tray		5767	0.8	0.8	0.8
Replace battery cable		5769	0.4	0.4	0.4

Table 6-8. FLHR Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
NOTE: Unless otherwise noted, all codes include diagnostic time and replacement time if required. The codes must be used in conjunction with the diagnostic/repair procedures listed in the current Service Manual and Electrical Diagnostic Manual.					
DIAGNOSTICS GENERAL					
Repair any single wire	Light circuit	5039	0.5	0.5	0.5
Repair any single wire	Accessory circuit	5043	0.5	0.5	0.5
Repair any single wire	All wires except lighting and accessory circuits	5041	0.5	0.5	0.5
Replace position lamp	Position lamp inoperative	5143	0.1	0.1	0.1
Replace headlight	Headlamp inoperative	5185	0.1	0.1	0.1
Replace indicator lamp assembly	High beam indicator inoperative, neutral lamp inoperative, oil pressure lamp inoperative, turn signal indicator inoperative	5191	0.2	0.2	0.2
Replace tail lamp bulb or single light bulb or lens	Running lamps inoperative	5197	0.1	0.1	0.1
Replace tail lamp assembly or circuit board	Headlamp inoperative, stop lamp inoperative	5215	0.2	0.2	0.2
Replace auxiliary lamp bulb	Auxiliary lamp inoperative	5227	0.1	0.1	0.1
Replace horn and/or bracket	Horn inoperative	5765	0.1	0.1	0.1
Repair engine compression, use in conjunction with additional code(s)	Engine cranks but will not start, starts hard, starts - then stalls	7210	0.5	0.5	0.5
Code not present	B1006, B1007, B0563, P0562, P0563, P0603, P0605, C0563	7770	0.2	0.2	0.2
SWITCHES					
Replace rear stoplight switch - does not include bleeding brakes, use with appropriate bleed code	P0572, C1212, C1214	1409	0.9	0.9	0.9
Replace rear stoplight switch - does not include bleeding brakes, use with appropriate bleed code	Stop lamp inoperative, cruise control malfunction	5141	0.3	0.3	0.3
Replace rear stoplight switch - does not include bleeding brakes, use with appropriate bleed code	U1097, U1255	6787	0.5	0.5	0.5
Replace neutral switch	Nothing clicks, neutral lamp always on, neutral lamp inoperative, B1155	5157	0.3	0.3	0.3

FB4 = FLHR

FR4 = FLHRC

FW4 = FLHR Shrine

FHM = FLHP Police

FTM = FLHPE

Table 6-8. FLHR Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
Replace oil pressure switch	Oil pressure lamp always on, oil pressure lamp inoperative	5161	0.3	0.3	0.3
Replace auxiliary lamp switch	Auxiliary lamp inoperative	5167	0.2	0.2	0.2
Replace clutch switch	Nothing clicks, B1154	5168	0.8	0.8	0.8
Replace left handlebar switch	Horn always on, horn inoperative, headlamp inoperative	5171	0.5	0.5	0.5
Replace front brake light switch	P0572, C1094, C1212	1413	1.2	1.2	1.3
Replace front brake light switch	Stop lamp inoperative, cruise control malfunction	5176	0.7	0.7	0.7
Replace handlebar (cruise set) switch	P0577	5182	1.0	1.0	1.0
Replace cruise enable switch	Cruise control malfunction	5192	0.5	0.5	0.5
Replace start button	Starter inoperative	5818	1.0	1.0	1.0
Replace odometer reset switch	B1008	6001	0.4	0.4	0.4
Replace odometer reset switch boot	B1008	6002	0.1	0.1	0.1
Replace engine stop switch	Serial data missing	6730	0.8	0.8	0.8
Replace engine stop switch	No check engine lamp	7295	0.7	0.7	0.7
Replace turn signal switch	Both lamps on one side inoperative	6811	0.8	0.8	0.8
Replace turn signal switch	Both lamps on one side inoperative	6815	0.8	0.8	0.8
Replace ignition switch	U1097, U1255	6782	0.4	0.4	0.4
Replace ignition switch	Serial data missing	7287	0.4	0.4	0.4
FUSES AND RELAYS					
Replace brake relay	P0572, C1095, C1216	1407	0.4	0.4	0.4
Replace accessory fuse	P0572	1804	0.4	0.4	0.4
Replace fuse	Cruise control malfunction	5145	0.2	0.2	0.2
Replace brake relay	Cruise control malfunction	5169	0.2	0.2	0.2
Harness inspection/wiggle test/replace battery fuse	U1064	6713	0.5	0.5	0.5

Table 6-8. FLHR Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
Inspect/access main wire harness/wiggle test/replace ignition fuse	Serial data missing	6729	0.3	0.3	0.3
Inspect harness/wiggle test/replace main fuse	Serial data missing	6733	0.3	0.3	0.3
Access instruments/wiggle test/replace instrument fuse	U1097, U1255	6766	0.4	0.4	0.4
Access instruments/wiggle test/replace accessory fuse	U1097, U1255	6781	0.4	0.4	0.4
Replace starter relay	Starter inoperative	5832	0.4	0.4	0.4
Replace starter relay	B1134	6841	0.2	0.2	0.2
Replace key switch relay	U1097	7098	0.5	0.5	0.5
Inspect/main wiring harness/replace battery fuse	No check engine lamp, U1255	7159	0.4	0.4	0.4
Replace 15 amp fuse	Engine cranks but will not start, starts hard	7181	0.6	0.6	0.6
Replace engine control fuse	P1475	7826	0.3	0.3	0.3
Replace system relay	Serial data missing, P1001, P1003	7904	0.4	0.4	0.4
Replace system relay	P1002	7909	0.2	0.2	0.2
Replace system relay	P1004	7911	0.2	0.2	0.2
Harness inspection/wiggle test/replace ECM fuse	P1003, P1351, P1354	7937	0.7	0.7	0.7
CHARGING CIRCUIT					
Milliamp draw	Low battery after extended ignition off	5308	0.2	0.2	0.2
Replace stator	Low or no charging	5309	2.8	2.8	2.8
Total current draw	Diagnose charging system	5310	0.2	0.2	0.2
Replace voltage regulator	No or low charging, overcharging	5316	0.8	0.8	0.8
Replace voltage regulator	Serial data missing	6724	0.4	0.4	0.4
Replace rotor	Replace rotor	5319	2.5	2.5	2.5
Replace battery	Engine cranks but will not start, starts hard, starts - then stalls	7185	0.5	0.5	0.5

FB4 = FLHR

FR4 = FLHRC

FW4 = FLHR Shrine

FHM = FLHP Police

FTM = FLHPE

Table 6-8. FLHR Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
Repair charging system/accompanies other codes	B0563, B1006, B1007, P0562, P0563, C0562, C0563	7771	0.2	0.2	0.2
STARTER CIRCUIT					
Replace starter	Solenoid clicks	5817	1.0	1.0	1.0
Replace starter	Starter spins but does not engage	5825	1.0	1.0	1.0
Replace starter clutch	Starter spins but does not engage	5837	1.1	1.1	1.1
Replace starter solenoid	Starter testing, starter relay clicks	5845	1.2	1.2	1.2
Repair starting system, use in conjunction with additional code(s)	Engine cranks but will not start, starts hard, starts - then stalls	7166	0.2	0.2	0.2
IGNITION CIRCUIT					
Replace spark plugs	Engine cranks but will not start, starts hard, starts - then stalls, misfire at idle or under load, rough or rolling idle	7134	0.4	0.4	0.4
Replace spark plug	P1353, P1356, P1357, P1358	7548	0.2	0.2	0.2
Replace spark plug wire	Engine cranks but will not start, starts hard, starts - then stalls, misfire at idle or under load, rough or rolling idle	7138	0.7	0.7	0.7
Replace spark plug wire	P1353, P1356, P1357, P1358	7549	0.2	0.2	0.2
Replace ignition coil	Misfire at idle or under load, rough or rolling idle	7139	0.8	0.8	0.8
Replace ignition coil	Engine cranks but will not start, starts hard, starts - then stalls	7226	1.0	1.0	1.0
Replace ignition coil	P1353, P1356, P1357, P1358	7547	0.6	0.6	0.6
Replace ignition coil	P1351, P1352, P1354, P1355	7856	0.6	0.6	0.6
AIR INTAKE					
Repair intake leak	Misfire at idle or under load, P0131, P0151	7486	1.0	1.0	1.0
FUEL SYSTEM					
Replace fuel level sender	B1004, B1005	6035	0.7	0.7	0.7

Table 6-8. FLHR Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
Replace fuel gauge	B1005	6047	0.4	0.4	0.4
Replace fuel gauge	U1097, U1255	6775	0.4	0.4	0.4
Replace purge solenoid	P0444, P0445	6861	0.5	0.5	0.5
Replace fuel filter or clean fuel pump screen	Starts - then stalls, P1353, P1356, P1357, P1358	7013	0.8	0.8	0.8
Repair/replace fuel pump/pressure regulator/fuel line/fuel filter	Starts - then stalls, P1353, P1356, P1357, P1358	7014	0.8	0.8	0.8
Replace fuel filter screen	Engine cranks but will not start, starts hard, misfire at idle or under load, rough or rolling idle, P0131, P0151	7163	1.0	1.0	1.0
Repair/replace fuel pump/pressure regulator/fuel line/fuel filter	Engine cranks but will not start, starts hard, misfire at idle or under load, rough or rolling idle, P0131, P0132, P0151, P0152	7164	1.0	1.0	1.0
Replace fuel injector	Misfire at idle or under load, rough or rolling idle, P0131, P0132, P0151, P0152	7144	0.9	0.9	0.9
Replace fuel injector	Emits black smoke	7596	2.0	2.0	2.0
Replace fuel injector	P0261, P0262, P0263, P0264	7795	0.7	0.7	0.7
Replace fuel injector	Engine cranks but will not start, starts hard	7992	0.7	0.7	0.7
Replace fuel pump	Engine cranks but will not start, starts hard	7415	0.9	0.9	0.9
Replace fuel pump	P1003	7924	1.3	1.3	1.3
Replace fuel pressure regulator	Emits black smoke	7480	1.0	1.0	1.0
SENSORS AND ECM					
Replace jiffy stand sensor	P0641, P1501, P1502	5085	0.5	0.5	0.5
Replace induction module	P0641, P2100, P2102	7085	1.4	1.4	1.4
Remove and clean or replace induction module	P2101, P2119, P2176	7091	1.6	1.6	1.6
Replace twist grip sensor or repair connections	P0641, P0651, P2122, P2123, P2127, P2128, P2138	7564	1.4	1.4	1.4
Replace induction module	P0120, P0122, P0123, P0220, P0222, P0223, P0505, P2135	7590	1.6	1.6	1.6

FB4 = FLHR

FR4 = FLHRC

FW4 = FLHR Shrine

FHM = FLHP Police

FTM = FLHPE

Table 6-8. FLHR Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
Replace engine temperature (ET) sensor	Emits black smoke	7598	2.0	2.0	2.0
Replace engine temperature (ET) sensor	P0117, P0118	7710	0.4	0.4	0.4
Replace oxygen sensor	P0031, P0032, P0131, P0132, P0134, P0151, P0152, P0154	7667	0.5	0.5	0.5
Replace crankshaft position (CKP) sensor	P0373, P0374	7981	0.4	0.4	0.4
Clean or repair crankshaft position (CKP) sensor	P0373, P0374	7982	0.3	0.3	0.3
Replace TMAP sensor	Misfire at idle or under load, rough or rolling idle	7152	0.6	0.6	0.6
Replace TMAP sensor	Emits black smoke	7597	2.0	2.0	2.0
Replace TMAP sensor	P0107	7630	0.7	0.7	0.7
Replace TMAP sensor	P0107, P0108, P0651	7650	0.8	0.8	0.8
Replace TMAP sensor	P0112, P0113	7725	0.8	0.8	0.8
Replace TMAP sensor	P0112, P0113	7760	0.8	0.8	0.8
clean or repair vehicle speed sensor (VSS)	P0501, P0502	7939	0.9	0.9	0.9
Replace vehicle speed sensor (VSS)	P0501, P0502	7967	1.2	1.2	1.2
Replace ECM	P0031, P0032, P0131, P0132, P0134, P0151, P0152, P0154, P0262, P0264, U1016	6123	0.8	0.8	0.8
Replace ECM	P1009	6703	0.7	0.7	0.7
Replace ECM	P1655, P1656	7080	---	---	0.9
Replace ECM	P2100, P2103	7093	1.4	1.4	1.4
Replace ECM	P1353, P1356, P1357, P1358	7544	0.5	0.5	0.5
Replace ECM	Emits black smoke	7601	2.2	2.2	2.2
Replace ECM	Serial data missing, P0107, P0112, P0120, P0122, P0123, P0220, P0222, P0223, P0505, P1655, P1656, U1300, U1301	7641	1.1	1.1	1.1
Replace ECM	Engine cranks but will not start, starts - then stalls, P0117, P0118, P0120, P0373, P0374, P1002, P1351, P1352, P1354, P1355	7680	0.6	0.6	0.6

Table 6-8. FLHR Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
Replace ECM	P0113, P0572, P0641, P0651, P2122, P2123, P2128, P2127, P2138	7740	1.0	1.0	1.0
Replace ECM	P0131, P0132, P0134, P0151, P0152, P0154, P0262, P0264	7815	0.8	0.8	0.8
Replace ECM	Serial data missing, no check engine lamp, P0261, P0263, P0444, P0603, P0605, P1001, P1010, P1270, P1475, P1477, P1478, P1501, P1502, P1600, P2107, U1064	7850	0.7	0.7	0.7
Replace ECM	P0501, P0502	7968	1.2	1.2	1.2
Replace ECM	Misfire at idle or under load, rough or rolling idle, serial data missing, U1300, U1301	7993	0.9	0.9	0.9
HDI ACTIVE EXHAUST					
Replace exhaust actuator	P1475, P1477, P1478	7811	1.1	1.1	1.1
Replace exhaust actuator valve	P1475	7812	1.1	1.1	1.1
Replace exhaust actuator cable	P1475	7814	1.2	1.2	1.2
TURN SIGNALS/INSTRUMENTS/SECURITY					
Perform ECM/TSM/TSSM/HFSM module replace procedure	P1009	6701	0.4	0.4	0.4
Replaced TSM/TSSM/HFSM, system now ok	P1009	6702	0.4	0.4	0.4
Replaced TSM/TSSM/HFSM, System now ok	P1010	6707	1.1	1.1	1.1
Replace FOB battery	Fails to disarm	6755	0.1	0.1	0.1
Replace FOB	Fails to disarm	6756	0.1	0.1	0.1
Replace Bulb	Both lamps on one side inoperative, flash at double normal rate, B1121, B1122	6796	0.2	0.2	0.2
Replace Bulb	Flash at double normal rate	6820	0.2	0.2	0.2
Remove corrosion	Flash at double normal rate	6821	0.2	0.2	0.2
Remove corrosion/replace bulb	Flash at double normal rate	6822	0.4	0.4	0.4
Replace lamp assembly	Flash at double normal rate, B1121, B1122	6823	0.4	0.4	0.4

FB4 = FLHR

FR4 = FLHRC

FW4 = FLHR Shrine

FHM = FLHP Police

FTM = FLHPE

Table 6-8. FLHR Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
Replace speedometer	B1008	6003	0.3	0.3	0.3
Replace speedometer	Serial data missing, no check engine lamp, U1016, U1097, U1255	6072	0.5	0.5	0.5
Replace speedometer	No security lamp during bulb check	6738	0.3	0.3	0.3
Replace speedometer	Security lamp on continuously after bulb check	6752	0.3	0.3	0.3
Replace speedometer	U1300, U1301	6765	0.6	0.6	0.6
Replace speedometer	Cruise control malfunction	6769	0.4	0.4	0.4
Replace speedometer	No check engine lamp	7311	0.3	0.3	0.3
Replace tachometer	Serial data missing, no check engine lamp	6772	---	---	0.4
Replace tachometer	U1301	6803	---	---	0.6
Replace TSM/TSSM/HFSM	Starter inoperative - nothing clicks	5838	0.6	0.6	0.6
Replace TSM/TSSM/HFSM	U1016, U1064, U1255	6717	0.8	0.8	0.8
Replace TSM/TSSM/HFSM	Will not cancel upon turn completion	6773	0.9	0.9	0.9
Replace TSM/TSSM/HFSM	Starter inoperative, nothing clicks, fails to disarm, both lamps on one side inoperative, flash at double normal rate, no check engine lamp, B1121, B1122, B1123, B1124, B1125, B1126, B1134, B1141, B1143, B1144, B1145, B1154, B1155	6791	0.5	0.5	0.5
Replace TSM/TSSM/HFSM	B1131, B1132	6833	0.7	0.7	0.7
Replace TSM/TSSM/HFSM	B1135, B1136, B1142	6845	0.4	0.4	0.4
Replace TSM/TSSM/HFSM	Serial data missing, U1300, U1301	7998	0.9	0.9	0.9
Replace security siren	B1131, B1132	6832	0.5	0.5	0.5
Replace security siren	No check engine lamp	7161	0.3	0.3	0.3
Replace security antenna	B1143, B1144, B1145	6878	0.3	0.3	0.3
Replace security antenna harness	B1145	6881	0.5	0.5	0.5
AUTOMATIC COMPRESSION RELEASE					
Replace ACR solenoid	P1655, P1656	7077	---	---	2.3

Table 6-8. FLHR Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS		
			FR4	FB4 FW4	FHM FTM
ABS BRAKES					
Replace ABS diode pack	P0572, C1095, C1216	1404	0.5	0.5	0.5
Worn or damaged wheel bearings or suspension components, may be used in conjunction with other codes	C1021, C1023, C1025, C1027, C1206, C1208	1412	0.2	0.2	0.2
Reroute brake lines	C1151, C1153	1418	0.9	0.9	0.9
Replace ABS hydraulic control unit (HCU)	P0572, C0562, C1014, C1017, C1018, C1021, C1023, C1025, C1027, C1032, C1034, C1042, C1043, C1055, C1056, C1057, C1061, C1062, C1065, C1066, C1094, C1095, C1118, C1121, C1151, C1153, C1158, C1206, C1208, C1214, C1216	1427	2.0	2.0	2.0
Replace ABS electronic control unit (ECU)	P0572, C0562, C1014, C1017, C1018, C1021, C1023, C1025, C1027, C1032, C1034, C1042, C1043, C1055, C1056, C1057, C1061, C1062, C1065, C1066, C1094, C1095, C1118, C1121, C1151, C1153, C1158, C1206, C1208, C1214, C1216	2430	2.0	2.0	2.0
Replace ABS front wheel sensor	C1021, C1025, C1032, C1206	2439	0.8	0.8	0.8
Replace rear wheel speed sensor	C1023, C1027, C1034, C1208	2440	1.0	1.0	1.0

SUBJECT	PAGE NO.
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Unless otherwise specified, Job Times shown include all operations necessary to complete the listed job.

MAM = FLHTCUTG

MBM = FLHXXX

Table 7-1. Service

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
NEW				
Set-up and pre-delivery		---	2.1	2.1
1,000 (1,600 km) mile service		---	3.3	3.3
REGULAR				
5,000 (8,000 km) mile maintenance		---	2.6	2.6
10,000 (16,000 km) mile maintenance		---	3.1	3.1
15,000 (24,000 km) mile maintenance		---	2.4	2.4
20,000 (32,000 km) mile maintenance		---	3.5	3.5
25,000 (40,000 km) mile maintenance		---	3.7	3.7
30,000 (48,000 km) mile maintenance		---	3.3	3.3
35,000 (56,000 km) mile maintenance		---	2.6	2.6
40,000 (64,000 km) mile maintenance		---	3.3	3.3
45,000 (72,000 km) mile maintenance		---	2.2	2.2
50,000 (80,000 km) mile maintenance		---	8.1	8.1
Addition to any maintenance- required every 2 years	flush/fill D.O.T 4 brake fluid- front and rear	---	0.7	0.7

Table 7-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
PAINT REPAIR				
NOTE: Use these codes when repairing any painted part on vehicle with the Kent Moore finesse kit or other paint repair methods				
Light scuff/scratch - buff		1102	0.2	0.2
Light sanding/buff/blend		1104	0.4	0.4
Buff entire part		1106	0.6	0.6
Repair build up in clear/paint		1108	0.8	0.8
Color blend/paint/buff		1110	1.0	1.0
DRIVE				
Adjust secondary belt	at PDI only	2010	0.7	0.7
Replace secondary belt		2011	5.2	5.2
Replace rear wheel sprocket	with bearing	2021	2.7	2.7
Replace rear wheel compensator cushion		2013	2.3	2.3
Replace rear wheel compensator bowl		2014	2.7	2.7
WHEELS				
Replace tire - includes mounting and balancing	front	2106	0.6	0.6
Replace tire - includes mounting and balancing	rear	2111	0.5	0.5
Replace wheel assembly - includes disc exchange, mounting and balancing	front	2113	0.8	0.8
Replace wheel assembly - includes disc exchange, mounting and balancing	rear	2114	0.5	0.5
Replace wheel bearings	front	2136	0.7	0.7
Replace rear wheel center cap	left or right	2159	0.1	0.1
HANDLEBARS				
Replace handlebars	includes removing radio	2206	1.5	1.5
Replace clutch hand lever		2221	0.2	0.2
Replace clutch hand lever bracket		2226	0.3	0.3

MAM = FLHTCUTG

MBM = FLHXXX

Table 7-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
Replace both rubber handlebar mounts	includes removing radio, if applicable	2246	1.0	1.0
Replace rubber handlebar grip		2251	0.2	0.2
Replace handlebar riser	one or both - includes loosening radio, if applicable	2253	1.0	1.0
Replace handlebar clamp	includes removing radio, if applicable	2254	0.8	0.8
FRAME/REAR FORK/FRONT FORK				
Replace steer damper		1896	0.1	0.1
Adjust steering head bearings		2290	0.7	0.7
Change front fork oil	both sides	---	2.2	2.2
Replace frame	includes removal and installation of all accessories and motorcycle components	2306	17.5	17.5
Replace frame assembly, rear		2339	1.7	1.7
Replace intermediate frame		1897	1.0	1.0
Replace frame connection brackets		1898	0.6	0.6
Replace panhard rod		1899	0.7	0.7
Replace front fork assembly	includes removal and installation of upper and lower fork brackets	2311	3.0	3.0
Replace lower fork bracket and stem		2316	3.2	3.2
Replace steering head cups and bearings	including bearing adjustment	2321	3.2	3.2
Replace upper fork bracket		2326	2.7	2.7
Service or replace fork slider and/or seal – includes removal, disassembly, cleaning, inspection, replacing parts, servicing damper tube, replacing bushings, assembly and installation	one side	2341	2.4	2.4
Service or replace fork slider and/or seal – includes removal, disassembly, cleaning, inspection, replacing parts, servicing damper tube, replacing bushings, assembly and installation	both sides	2342	2.9	2.9
Replace fork side	one side	2346	1.2	1.2

Table 7-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
Replace fork side	both sides	2351	1.5	1.5
Replace fork tube	one side	2356	2.4	2.4
Replace fork tube	both sides	2361	2.9	2.9
Replace rear fork and/or bearings or adaptor plate		2366	3.0	3.0
Replace rear fork pivot shaft		2368	0.8	0.8
Replace rear shock air line		2369	0.2	0.2
Replace rear shock absorber assembly	one side	2371	0.8	0.8
Replace rear shock absorber assembly	both sides	2376	1.0	1.0
Replace footboard or foot peg		2394	0.2	0.2
Replace footboard insert		2299	0.1	0.1
Replace motor mount	rear right	2395	2.3	2.3
Replace motor mount	rear left	2397	0.3	0.3
Replace motor mount	both front rubber mounts and/or front mount bracket	2398	1.4	1.4
BRAKES				
Replace hydraulic brake line – includes filling/bleeding brakes	front	2406	1.1	1.1
Replace hydraulic brake line – includes filling/bleeding brakes	rear	2411	0.8	0.8
Replace brake pads	front – each caliper	2416	0.1	0.1
Replace brake pads	rear-includes p. brake adj.	2421	0.6	0.6
Replace brake caliper – includes filling/bleeding brakes	front – each caliper	2426	0.4	0.4
Replace brake caliper – includes filling/bleeding brakes	rear	2431	0.7	0.7
Replace rear brake caliper mount	caliper bracket to axle bracket, each side	2408	0.3	0.3
Replace brake caliper screen	front – each caliper	2428	0.1	0.1
Replace brake rotor	front – one side	2436	0.3	0.3

MAM = FLHTCUTG

MBM = FLHXXX

Table 7-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
Replace brake rotor	front – both sides	2437	0.4	0.4
Replace brake rotor	rear - one side	2441	0.2	0.2
Bleed brake caliper	front (both)	2442	0.3	0.3
Bleed brake caliper	rear (both)	2443	0.4	0.4
Replace master cylinder assembly includes filling/bleeding brakes	front	2461	0.6	0.6
Replace master cylinder assembly includes filling/bleeding brakes	rear	2466	0.8	0.8
Replace master cylinder cover	front or rear	2479	0.1	0.1
Rebuild master cylinder assembly – includes filling/bleeding brakes	front	2471	0.7	0.7
PARKING BRAKE				
Adjust parking brake	PDI only at the knob	1838	0.1	0.1
Adjust parking brake	full adjustment	1839	0.3	0.3
Replace parking brake knob		1841	0.1	0.1
Replace parking brake cable	right- includes adjustment	1842	0.7	0.7
Replace parking brake cable	left-includes adjustment	1843	0.7	0.7
Replace parking brake lever	Includes side plates and adjustment	1844	0.6	0.6
Replace hardware kit	includes adjustment	1845	0.6	0.6
Replace parking brake lever pivot pin		1846	0.1	0.1
Replace parking brake lever assembly	with cables/adjustment	1847	0.4	0.4
Replace parking brake boot		1848	0.1	0.1
Replace rear brake pedal		2492	0.3	0.3
Replace front brake lever		2494	0.2	0.2
SEATS/FENDERS/TANKS				
Replace seat and/or strap or spring(s) and / or hinge bracket		2506	0.1	0.1

Table 7-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
Replace fender	front	2526	1.0	1.0
Replace fender	rear - see body section	---	---	---
Replace license plate mount		2525	0.1	0.1
Replace fuel tank assembly		2541	1.2	1.2
Replace fuel tank console/instrument panel		2553	0.3	0.3
Replace fuel tank console insert		2558	0.2	0.2
Replace fuel tank console fuel door or fuel door lock		2559	0.1	0.1
Replace fuel tank console rubber mounting strip		2557	0.2	0.2
Replace fuel level sending unit		2564	0.5	0.5
Replace fuel tank check valve assembly	includes fuel line attached to check valve	2567	0.6	0.6
Replace canopy gasket		2570	0.4	0.4
Replace fuel filter		2575	0.5	0.5
Replace fuel transfer hose inside tank		2579	0.5	0.5
Replace fuel tank trim or medallion		6507	0.3	0.3
Replace oil filter		2582	0.1	0.1
EXHAUST SYSTEM				
Replace complete exhaust system and/or gaskets		2626	1.1	1.1
Replace exhaust pipe	right side header assembly and/or port gaskets	2631	1.0	1.0
Replace exhaust pipe	left side cross under pipe, support clamp and/or gasket	2636	0.3	0.3
Replace one muffler		2646	0.2	0.2
Replace rear exhaust support bracket	at transmission side cover	2651	0.4	0.4
Replace any one exhaust shield		2661	0.1	0.1
Replace one muffler support		2666	0.2	0.2

MAM = FLHTCUTG

MBM = FLHXXX

Table 7-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
BODY				
Replace trunk door cover	backside of door	1851	0.1	0.1
Replace trunk door		1852	0.4	0.4
Replace trunk door seal		1853	0.3	0.3
Replace trunk door hinge	left	1854	0.1	0.1
Replace trunk door hinge	right	1855	0.1	0.1
Replace trunk door lanyard	left	1856	0.1	0.1
Replace trunk door lanyard	right	1857	0.1	0.1
Replace trunk door lock/lock bezel and/or o-ring		1858	0.1	0.1
Replace trunk door striker	one or both	1859	0.1	0.1
Replace body		1861	1.3	1.1
Replace body trim	both	1864	---	0.1
Replace trunk door latch assembly	includes bracket	1862	0.2	0.2
Replace trunk door latch/cable		1863	0.5	0.5
Replace fender	rear left or right	2531	0.5	0.5

Table 7-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
GENERAL				
Remove and install engine includes remove, replace, install oil passage gasket	California vehicles only	3006	4.9	4.9
Remove and install engine includes remove, replace, install oil passage gasket		3006	4.8	4.8
Replace stabilizer/stabilizer bracket	top front	3005	0.2	0.2
Remove and replace oil pan for inspection/decontamination	with engine removed	3009	0.3	0.3
Replace dipstick		3480	0.1	0.1
CYLINDER HEAD				
Recondition cylinder head – includes removal of head and gasket, remove carbon, service valve guides, grind valves and seats, test springs and install head and gaskets.	front head	3101	4.9	4.9
Recondition cylinder head – includes removal of head and gasket, remove carbon, service valve guides, grind valves and seats, test springs and install head and gaskets.	rear head	3103	4.9	4.9
Recondition cylinder head – includes removal of head and gasket, remove carbon, service valve guides, grind valves and seats, test springs and install head and gaskets.	both heads	3104	5.5	5.5
Replace cylinder head	one head	3106	3.9	3.9
Replace cylinder head	both heads	3108	4.8	4.8
Replace valve seal or spring after cylinder head removal	one seal or spring (intake or exhaust)	3131	0.1	0.1
Replace valve seal or spring after cylinder head removal	both seals or springs (intake or exhaust)	3132	0.2	0.2
Replace cylinder head gasket/o-ring	front cylinder	3140	3.0	3.0
Replace cylinder head gasket/o-ring	rear cylinder	3142	3.0	3.0

MAM = FLHTCUTG

MBM = FLHXXX

Table 7-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
Replace cylinder head gasket/o-ring	both cylinders	3143	3.4	3.4
Replace rocker arm covers and/or gaskets	front cylinder	3144	0.8	0.8
Replace rocker arm covers and/or gaskets	rear cylinder	3145	0.8	0.8
Replace rocker arm covers and/or gaskets	both cylinders	3148	0.9	0.9
Recondition rocker arms after heads are removed	one head	3149	0.7	0.7
Recondition rocker arms after heads are removed	both heads	3150	1.4	1.4
Replace lower rocker arm cover/gasket, or rocker arms and /or shafts/rocker arm support	front cylinder	3147	1.6	1.6
Replace lower rocker arm cover/gasket, or rocker arms and /or shafts/rocker arm support	rear cylinder	3152	1.6	1.6
Replace lower rocker arm cover/gasket, or rocker arms and /or shafts/rocker arm support	both cylinders	3153	1.8	1.8
Replace cylinder o-ring/drain o-ring	front cylinder	3161	3.2	3.2
Replace cylinder o-ring/drain o-ring	rear cylinder	3163	3.2	3.2
Replace cylinder o-ring/drain o-ring	both cylinders	3168	3.6	3.6
Replace crankcase umbrella valve	one	3172	1.1	1.1
Replace crankcase umbrella valve	both	3174	1.2	1.2
CYLINDER AND PISTON				
Recondition top end - includes disassembly, replacement of piston and sizing cylinder (.005" pistons), replacing piston rings and all items listed under recondition cylinder head and assembly.	one piston and cylinder	3202	5.9	5.9
Recondition top end - includes disassembly, replacement of piston and sizing cylinder (.005" pistons), replacing piston rings and all items listed under recondition cylinder head and assembly.	both pistons and cylinders	3203	6.5	6.5
Replace piston rings – includes deglazing cylinder	one cylinder	3206	3.5	3.5
Replace piston rings – includes deglazing cylinder	both cylinders	3216	4.1	4.1

Table 7-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
Recondition top end – includes disassembly, deglazing cylinder and replacing rings, or replacing cylinder and piston, all items listed under recondition cylinder head and assembly.	one piston and cylinder	3207	5.7	5.7
Recondition top end – includes disassembly, deglazing cylinder and replacing rings, or replacing cylinder and piston, all items listed under recondition cylinder head and assembly.	both pistons and cylinders	3208	6.3	6.3
Recondition top end - includes disassembly, replacement of piston and bore and hone, resizing cylinder (.010" oversize or above), replacing piston rings and all items listed under recondition cylinder head and assembly.	one piston and cylinder	3211	6.3	6.3
Recondition top end - includes disassembly, replacement of piston and bore and hone, resizing cylinder (.010" oversize or above), replacing piston rings and all items listed under recondition cylinder head and assembly.	both pistons and cylinders	3212	6.9	6.9
Replace piston and piston rings – includes removal of cylinder head and cylinder, fitting new piston with rings, resizing cylinder and assembly	one cylinder	3221	4.1	4.1
Replace piston and piston rings – includes removal of cylinder head and cylinder, fitting new piston with rings, resizing cylinder and assembly	both cylinders	3231	5.3	5.3
Replace cylinder and piston	one cylinder	3236	3.4	3.4
Replace cylinder and piston	both cylinders	3246	3.9	3.9
Replace one cylinder stud	cylinder removed	3253	0.1	0.1
Replace all eight cylinder studs	cylinders removed	3254	0.5	0.5
CAM COVER				
Replace lifter cover/gasket or lifter/and, or anti-rotation pin	one or two same cylinder	3307	1.8	1.8

MAM = FLHTCUTG

MBM = FLHXXX

Table 7-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
Replace lifter cover/gasket or lifter/and, or anti-rotation pin	on both cylinders	3310	2.1	2.1
Replace push rod, push rod cover and/or o-ring or quad seal	one or two same cylinder	3317	1.8	1.8
Replace push rod, push rod cover and/or o-ring or quad seal	one each cylinder	3318	2.0	2.0
Replace cam cover and/or gasket		3325	2.0	2.0
Replace primary cam chain, sprockets and/or fastener		3327	2.1	2.1
Replace primary cam chain tensioner		3328	2.1	2.1
Replace cam support plate/o-rings		3335	3.2	3.2
Replace cam support plate		3337	4.1	4.1
Replace cam support bearing/cams/secondary cam chain/tensioner		3338	4.3	4.3
Replace oil pump and/or o-rings		3341	3.1	3.1
Replace cam bearing crankcase	one bearing	3342	3.8	3.8
Replace cam bearing crankcase	two bearings	3343	4.0	4.0
By pass valve inspection		3354	3.1	3.1
CRANKCASE				
Replace crankcases	California vehicles only –includes remove and install engine	3406	8.4	8.4
Replace crankcases	includes remove and install engine	3406	8.3	8.3
Seal crankcase only		3407	7.1	7.1
Replace flywheels	includes remove and install engine	3411	7.9	7.9
Replace right side main bearing	California vehicles only	3412	7.9	7.9
Replace right side main bearing		3412	7.8	7.8
Replace left side main bearing	California vehicles only	3410	7.1	7.1

Table 7-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
Replace left side main bearing		3410	7.0	7.0
Piston jet/o-ring	one	3413	3.4	3.4
Piston jet/o-ring	both	3414	3.8	3.8
Replace crank position sensor o-ring		3403	0.1	0.1
Check flywheel trueness before assembly or after removal		3420	0.1	0.1
Recondition cylinder heads - head removed (for non-related repairs)	one head	3425	1.0	1.0
Recondition cylinder heads - head removed (for non-related repairs)	both heads	3426	2.0	2.0
Replace piston rings	cylinders removed (for non-related repairs – deglaze only)	3428	0.3	0.3
Replace pistons	cylinders removed (for non-related repairs) - includes resizing cylinders	3430	1.4	1.4
Replace oil filter mount end cap and/or gasket		4519	0.2	0.2
Replace oil cooler		4525	0.4	0.4
Replace oil cooler mounting bracket		4526	0.4	0.4
Replace oil cooler hose and/or clamp	one or both	4528	0.6	0.6
Replace oil filter mount/fittings		4533	0.4	0.4
FUEL SYSTEM				
Replace air cleaner backing plate		3501	0.2	0.2
Replace air cleaner cover		3502	0.1	0.1
Replace induction module		3508	1.1	1.1
Replace induction module seal		3510	1.2	1.2
Replace external fuel supply hose		3514	0.2	0.2
EVAPORATIVE EMISSIONS SYSTEM				
Replace evaporative purge solenoid	California vehicles only	3522	0.3	0.3

MAM = FLHTCUTG

MBM = FLHXXX

Table 7-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
Replace canister	California vehicles only	3527	0.5	0.5
Replace any one hose		3529	0.4	0.4

Table 7-4. Drive and Clutch

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
DRIVE				
Replace derby cover and/or gasket/o-ring		4001	0.1	0.1
Replace primary chain		4002	0.9	0.9
Replace primary chain tensioner		4033	0.8	0.8
Replace engine sprocket		4003	0.9	0.9
Replace engine sprocket seal		4005	2.4	2.4
Replace primary cover		4007	0.6	0.6
Replace inner primary case and/or seals or main-shaft bearing		4008	2.1	2.1
Replace primary cover gasket		4009	0.6	0.6
Replace shift lever	heel or toe shifter	4012	0.1	0.1
Replace shift lever shaft and/or inner lever	includes removal of heel and toe shift levers	4017	0.2	0.2
Replace starter-primary o-ring		4034	0.6	0.6
CLUTCH				
Adjust clutch		---	0.2	0.2
Replace release cable assembly		4006	1.4	1.4
Service the clutch	includes disassembly, cleaning, inspection repair, assembly ,and adjustment	4011	1.3	1.3
Replace clutch release bearing and/or push rod		4016	1.2	1.2
Replace clutch release (ball ramp) and/or side cover		4018	1.7	1.7
DIFFERENTIAL				
Replace axle assembly		4037	3.3	3.3
Replace axle	left or right	4038	0.3	0.3
Replace axle bearing	left or right	4039	0.5	0.5
Replace axle stud	one	4041	0.4	0.4
Replace axle housing		4042	3.3	3.3

MAM = FLHTCUTG

MBM = FLHXXX

Table 7-4. Drive and Clutch

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
Replace differential assembly		4043	2.5	2.5
Replace differential carrier bearings		4044	2.3	2.3
Replace reverse ring gear		4045	2.3	2.3
Replace reverse bracket		4046	0.5	0.5
Replace differential seal		4047	2.3	2.3

Table 7-5. Transmission

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
TRANSMISSION CASE				
Replace transmission case		4304	6.2	6.2
Replace transmission complete- Includes remove, replace, install oil passage gasket		4305	5.8	5.8
Overhaul transmission	includes disassembly, cleaning, inspection, replacing parts (transmission case in frame)	4306	4.6	4.6
Replace transmission sprocket		4309	2.6	2.6
Replace main drive gear oil seal	in transmission case	4311	2.7	2.7
Replace mainshaft oil seal	in main drive gear	4316	2.2	2.2
Replace side door gasket		4321	2.8	2.8
Replace shifter drum		4331	2.9	2.9
Replace shifter arm assembly or springs		4336	3.0	3.0
Replace transmission top cover and/or gasket		4341	0.6	0.6
Replace shifter forks and/or shaft		4343	2.9	2.9
Replace side door bearing	one	4348	3.1	3.1
Replace side door bearing	both	4351	3.2	3.2
Replace transmission case countershaft bearing		4361	3.1	3.1
Replace main drive gear and/or bearing		4366	3.4	3.4
Replace transmission side cover gasket		4368	1.1	1.1
Replace oil pan and/or gasket		4378	0.6	0.6
Replace transmission shift shaft seal		4390	2.2	2.2
Replace vehicle speed sensor o-ring		4380	0.7	0.7

MAM = FLHTCUTG

MBM = FLHXXX

Table 7-6. OEM Accessories

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
ACCESSORIES				
Replace windshield		6203	0.1	0.1
Replace one fairing wind deflector		6205	0.1	---
Replace one mid frame air deflector		6201	0.2	0.2
Replace instrument panel support housing or inner fairing		6209	1.9	1.9
Replace outer fairing or support brace		6255	0.3	0.3
Replace Tour-Pak lock or latch		6261	0.2	---
Replace one frame sidecover or mounting grommet or post		6263	0.1	0.1
Replace Tour-Pak hinge		6264	0.3	---
Replace inner fairing bracket		6265	0.9	0.9
Replace Nameplate Tour-Pak		6266	0.2	---
Replace Tour-Pak cover		6270	0.7	---
Replace Tour-Pak bottom		6243	1.4	---
Replace fairing cap		6271	0.3	0.3
Replace one fairing lower	left or right	6272	0.2	---
Replace one fairing lower glove compartment assembly or vent door		6242	0.3	---
Replace fairing lower vent door serrated washers	left or right side, one or both washers	6241	0.1	---
Replace chrome fairing skirt		6273	0.2	0.2
Replace lock set		6276	0.5	0.3
Replace highway bar	front	6353	0.6	---
Replace tour-pak mount/luggage rack		6453	0.2	---
Replace tour-pak	includes lights and brackets, antenna assembly, backrest, and rear speakers	6509	1.4	---
Replace rear view mirror	one or both	6513	0.1	0.3

Table 7-6. OEM Accessories

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
Replace backrest		6515	0.2	---

MAM = FLHTCUTG

MBM = FLHXXX

Table 7-7. Electrical - General

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
INSTRUMENTS				
Replace speedometer	Cosmetic issue	6003	0.3	0.3
Replace tachometer	Cosmetic issue	6009	0.3	0.3
Replace indicator panel lens		6018	0.3	0.3
Replace voltmeter or fuel gauge	Cosmetic issue	6021	0.3	0.3
Replace oil pressure or air temperature gauge	Cosmetic issue	6026	0.3	0.3
Replace ambient temperature sensor	Cosmetic issue	6028	0.1	0.1
Replace odometer reset switch boot		6043	0.1	0.1
WIRING				
Replace connector housing		5022	0.1	0.1
Replace connector anchor		5023	0.1	0.1
Replace main wiring harness		5026	3.6	3.6
Replace audio harness		5027	1.8	---
Replace rear fender/body wiring harness		5036	0.8	0.8
Replace front fender wiring harness		5049	0.9	---
Replace interconnect harness		5052	0.5	0.5
Replace main harness trough/tray	Lower trough, or both lower trough and cover	5078	0.9	0.9
Replace main harness trough cover	Trough cover only	5079	0.4	0.4
Replace front headset harness		6616	0.7	---
SWITCHES				
Replace ignition switch		5129	0.8	0.8
Replace fuse		5145	0.2	0.2
Replace main fuse or cover		5147	0.2	0.2
Replace main fuse block		5151	0.5	0.5
Replace left upper handlebar switch housing		5177	0.2	0.2

Table 7-7. Electrical - General

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
Replace left lower handlebar switch housing		5178	0.2	0.2
Replace right upper handlebar switch housing		5179	0.2	0.2
Replace right lower handlebar switch housing		5180	0.7	0.7
Replace any fairing switch (except speaker)		5192	0.4	0.4
Replace switch knob	Any handlebar switch	6953	0.4	0.4
LIGHTS				
Replace headlight housing	Includes adjustment	5189	0.2	0.2
Replace instrument panel bulb	Includes diagnosis	5193	0.2	0.2
Replace turn signal light assembly	Front	5201	0.4	0.4
Replace fender tip light bulb or lens	Front	5217	0.1	---
Replace fender tip lamp assembly	Front	5225	0.2	---
Replace auxiliary lamp assembly	Includes adjustment	5230	0.5	---
Replace front auxiliary/directional lamp bracket	Includes auxiliary lamp adjustment where applicable	5232	0.8	0.7
Replace king tour-pak light bulb or lens	Includes diagnosis	5233	0.2	---
Replace king tour-pak lower light assembly		5234	0.5	---
Replace king tour-pak wrap-around light assembly		5235	0.8	---
Replace license plate light bulb	Not used for LED equipped models	5246	0.2	0.2
Replace license plate light assembly		5247	0.2	0.2
BATTERY				
Replace the battery	Includes diagnosis	5705	0.3	0.3
Replace battery tray		5767	0.8	0.8
Replace battery cable		5769	0.4	0.4
SOUND SYSTEM				
Replace radio	Cosmetic issue	6101	0.6	0.6
Replace one speaker grill	Front	6607	0.2	0.2
Replace one speaker grill	Rear	6612	0.1	---

MAM = FLHTCUTG

MBM = FLHXXX

Table 7-7. Electrical - General

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
Replace rear speaker housing	Right side	6608	0.3	---
Replace rear speaker housing	Left side	6610	0.3	---
Replace front antenna lead	Radio or CB, includes checking SWR	6609	0.9	1.0
Replace antenna mast mount		6611	0.2	0.2
Replace CB antenna mast	Includes checking SWR	6613	0.4	---
Complete stereo antenna inspection		6615	0.2	0.2
Replace stereo antenna mast		6617	0.1	0.1
Replace front headset DIN cover		6619	0.3	---
Replace console housing		6623	0.3	---
Replace rear headset DIN cover		6628	0.1	---

Table 7-8. Tri Glide Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
NOTE: Unless otherwise noted, all codes include diagnostic time and replacement time if required. The codes must be used in conjunction with the diagnostic/repair procedures listed in the current Touring Service Manual, Tri Glide Service Manual Supplement and Touring Electrical Diagnostic Manual.				
GENERAL				
Repair any single wire	Light circuit	5039	0.5	0.5
Repair any single wire	Accessory circuit	5043	0.5	0.5
Repair any single wire	All wires except lighting and accessory circuits	5041	0.5	0.5
Replace position lamp	Position lamp inoperative	5143	0.1	0.1
Replace headlight	Headlamp inoperative	5185	0.1	0.1
Replace indicator lamp assembly	High beam indicator inoperative, neutral lamp inoperative, oil pressure lamp inoperative, turn signal indicator inoperative	5191	0.2	0.2
Replace taillight bulb or single light bulb or lens	Running lamps inoperative	5197	0.1	0.1
Replace taillight assembly or circuit board	Headlamp inoperative, stop lamp inoperative	5215	0.2	0.2
Replace auxiliary lamp bulb	Auxiliary lamp inoperative	5227	0.1	---
Replace horn and/or bracket	Horn inoperative	5765	0.1	0.1
Repair engine compression, use in conjunction with additional code(s)	Engine cranks but will not start, starts hard, starts - then stalls	7210	0.5	0.5
Code not present	B0563, B1006, B1007, P0562, P0563, P0603, P0605	7770	0.2	0.2
SWITCHES				
Replace rear stoplight switch - includes filling/bleeding brakes	P0572, U1097, U1255	1409	0.9	0.9
Replace rear stoplight switch - includes filling/bleeding brakes	Stop lamp inoperative, cruise control malfunction	5141	0.5	0.5
Replace neutral switch	Nothing clicks, neutral lamp always on, neutral lamp inoperative, B1155	5157	0.3	0.3
Replace oil pressure switch	Oil pressure lamp always on, oil pressure lamp inoperative	5161	0.3	0.3

MAM = FLHTCUTG

MBM = FLHXXX

Table 7-8. Tri Glide Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
Replace clutch switch	Starter inoperative, B1154	5168	0.8	0.8
Replace left handlebar switch	Horn always on, horn inoperative, headlamp inoperative	5171	0.5	0.5
Replace front stoplight switch	P0572	1413	1.2	1.2
Replace front stoplight switch	Stop lamp inoperative, cruise control malfunction	5176	0.7	0.7
Replace handlebar (cruise set) switch	Cruise control malfunction, P0577	5182	1.2	1.2
Replace any fairing switch	Cruise control malfunction	5192	0.4	0.4
Replace start button	Starter inoperative	5818	1.0	1.0
Replace odometer reset switch	B1008	6001	0.4	0.4
Replace odometer reset switch boot	B1008	6002	0.1	0.1
Replace engine stop switch	Serial data missing	6730	0.8	0.8
Replace engine stop switch	No check engine lamp	7295	0.7	0.7
Replace turn signal switch	Both lamps on one side inoperative	6811	0.8	0.8
Replace ignition switch	U1097, U1255	6782	0.9	0.9
Replace ignition switch	Serial data missing	7287	0.8	0.8
FUSES AND RELAYS				
Replace brake relay	P0572	1407	0.4.	0.4.
Replace brake relay	Cruise control malfunction	5169	0.2	0.2
Replace accessory fuse	P0572	1804	0.4	0.4
Replace battery fuse	Turn signal error 2C	6807	0.2	0.2
Replace fuse	Cruise control malfunction	5145	0.2	0.2
Replace fuse	Symptom - radio inoperative	6136	0.2	0.2
Harness inspection/wiggle test/replace battery fuse	U1064	6713	0.5	0.5
Inspect/access main wire harness/wiggle test/replace ignition fuse	Serial data missing	6729	0.3	0.3
Inspect harness/wiggle test/replace main fuse	Serial data missing	6733	0.3	0.3

Table 7-8. Tri Glide Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
Access instruments/wiggle test/replace instrument fuse	U1097, U1255	6766	0.4	0.4
Access instruments/wiggle test/replace accessory fuse	U1097, U1255	6781	0.4	0.4
Replace starter relay	Starter inoperative	5832	0.4	0.4
Replace starter relay	B1134	6841	0.2	0.2
Replace key switch relay	U1097	7098	0.5	0.5
Inspect/main wiring harness/Replace 15 AMP battery fuse	No check engine lamp, U1255	7159	0.4	0.4
Replace 15 amp fuse	Engine cranks but will not start, starts hard	7181	0.6	0.6
Replace system relay	Serial data missing, P1001, P1003	7904	0.4	0.4
Replace system relay	P1002	7909	0.2	0.2
Replace system relay	P1004	7911	0.2	0.2
Harness inspection/wiggle test/replace ECM fuse	P1003, P1351, P1354	7937	0.7	0.7
CHARGING CIRCUIT				
Milliamp draw	Low battery after extended ignition off	5308	0.2	0.2
Replace stator	Low or no charging	5309	2.8	2.8
Total current draw	Diagnose charging system	5310	0.2	0.2
Replace voltage regulator	No or low charging, overcharging	5316	1.0	1.0
Replace voltage regulator	Serial data missing	6724	0.4	0.4
Replace rotor	Low or no charging	5319	2.5	2.5
Replace battery	Engine cranks but will not start, starts hard, starts - then stalls	7185	0.5	0.5
Repair charging system/accompanies other codes	B0563, B1006, B1007, P0562, P0563	7771	0.2	0.2
STARTER CIRCUIT				
Replace starter	Solenoid clicks	5817	1.0	1.0
Replace starter	Starter spins but does not engage	5825	1.0	1.0

MAM = FLHTCUTG

MBM = FLHXXX

Table 7-8. Tri Glide Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
Replace starter clutch	Starter spins but does not engage	5837	1.1	1.1
Replace starter solenoid	Starter testing, starter relay clicks	5845	1.2	1.2
Repair starting system, use in conjunction with additional code(s)	Engine cranks but will not start, starts hard, starts - then stalls	7166	0.2	0.2
IGNITION CIRCUIT				
Replace spark plugs	Engine cranks but will not start, starts hard, starts - then stalls, misfire at idle or under load, rough or rolling idle	7134	0.4	0.4
Replace spark plug	P1353, P1356-P1358	7548	0.2	0.2
Replace spark plug wire	Engine cranks but will not start, starts hard, starts - then stalls, misfire at idle or under load, rough or rolling idle	7138	0.7	0.7
Replace spark plug wire	P1353, P1356-P1358	7549	0.2	0.2
Replace ignition coil	Misfire at idle or under load, rough or rolling idle	7139	0.8	0.8
Replace ignition coil	Engine cranks but will not start, starts hard, starts - then stalls	7226	1.0	1.0
Replace ignition coil	P1351, P1352, P1354, P1353, P1355, , P1356-P1358	7856	0.6	0.6
AIR INTAKE				
Repair intake leak	Misfire at idle or under load, P0131, P0151	7486	1.0	1.0
FUEL SYSTEM				
Replace fuel gauge sender	B1004, B1005	6035	0.9	0.9
Replace fuel gauge	B1005	6047	0.4	0.4
Replace fuel gauge	U1097, U1255	6775	0.5	0.5
Replace purge solenoid	P0444, P0445	6861	0.5	0.5
Replace fuel filter or clean fuel pump screen	Starts - then stalls, P1353, P1356-P1358	7013	0.8	0.8

Table 7-8. Tri Glide Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
Replace fuel filter screen	Engine cranks but will not start, starts hard, misfire at idle or under load, rough or rolling idle, P0131, P0151	7163	1.0	1.0
Repair/replace fuel pump/pressure regulator/fuel line/fuel filter	Starts - then stalls, P1353, P1356-P1358	7014	1.0	1.0
Repair/replace fuel pump/pressure regulator/fuel line/fuel filter	Engine cranks but will not start, starts hard, misfire at idle or under load, rough or rolling idle, P0131, P0132, P0151, P0152	7164	1.0	1.0
Replace fuel injector	Misfire at idle or under load, rough or rolling idle, P0131, P0132, P0151, P0152,	7144	0.9	0.9
Replace fuel injector	Emits black smoke	7596	2.0	2.0
Replace fuel injector	P0261-P0264	7795	0.7	0.7
Replace fuel injector	Engine cranks but will not start, starts hard	7992	0.7	0.7
Replace fuel pump	Engine cranks but will not start, starts hard, starts - then stalls	7415	0.9	0.9
Replace fuel pump	P1003	7924	1.3	1.3
Replace fuel pressure regulator	Emits black smoke	7480	1.0	1.0
SENSORS AND ECM				
Replace bank angle sensor	B1152, B1153	6967	0.4	0.4
Replace bank angle sensor	B1151	6968	0.2	0.2
Replace induction module	P0641, P2100, P2102	7085	1.4	1.4
Remove and clean or replace induction module	P2101, P2119, P2176	7091	1.6	1.6
Replace twist grip sensor or repair connections	P0641, P0651, P2122, P2123, P2127, P2128, P2138	7564	1.4	1.4
Replace induction module	P0120, P0122, P0123, P0220, P0222, P0223, P0505, P2135	7590	1.6	1.6
Replace engine temperature (ET) sensor	Emits black smoke	7598	2.0	2.0
Replace engine temperature (ET) sensor	P0117, P0118	7710	0.4	0.4

MAM = FLHTCUTG

MBM = FLHXXX

Table 7-8. Tri Glide Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
Replace oxygen sensor	P0031, P0032, P0131, P0132, P0134, P0151, P0152, P0154	7667	0.5	0.5
Replace crankshaft position (CKP) sensor	P0373, P0374	7981	0.4	0.4
Clean or repair crankshaft position (CKP) sensor	P0373, P0374	7982	0.3	0.3
Replace TMAP sensor	Misfire at idle or under load, rough or rolling idle	7152	0.6	0.6
Replace TMAP sensor	Emits black smoke	7597	2.0	2.0
Replace TMAP sensor	P0107	7630	0.7	0.7
Replace TMAP sensor	P0107, P0108, P0651	7650	0.8	0.8
Replace TMAP sensor	P0112, P0113	7725	0.8	0.8
Replace TMAP sensor	P0112, P0113	7760	0.8	0.8
Clean or repair vehicle speed sensor (VSS)	P0501, P0502	7939	0.9	0.9
Replace vehicle speed sensor (VSS)	P0501, P0502	7967	1.2	1.2
Replace ECM	P0031, P0032, P0131, P0132, P0134, P0151, P0152, P0154, P0262, P0264, U1016	6123	0.8	0.8
Replace ECM	U1016	6125	1.2	1.2
Replace ECM	P1009	6703	0.7	0.7
Replace ECM	Automatic compression release diagnosis	7080	0.9	0.9
Replace ECM	P2100, P2103	7093	1.4	1.4
Replace ECM	Misfire at idle or under load, rough or rolling idle, automatic compression release diagnosis	7149	0.9	0.9
Replace ECM	No check engine lamp, serial data missing, P0261, P0263, P0444, P0445, P0603, P0605, P1001, P1010, P1270, P1600, P2107, U1064	7130	0.7	0.7
Replace ECM	P0113, P0572, P0641, P0651, P2122, P2123, P2127, P2128	7568	1.0	1.0
Replace ECM	Emits black smoke	7601	2.2	2.2

Table 7-8. Tri Glide Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
Replace ECM	Serial data missing, P0107, P0112, P0120, P0122, P0123, P0220, P0222, P0223, P0505, P1655, P1656, U1300, U1301	7641	1.1	1.1
Replace ECM	Engine cranks but will not start, starts hard, starts - then stalls, P0117, P0118, P0373, P0374, P1002, P1351-P1358	7680	0.6	0.6
Replace ECM	P0501, P0502	7968	1.2	1.2
TURN SIGNALS/INSTRUMENTS/SECURITY				
Replace volt meter	U1097, U1255	6074	0.5	0.5
Replace air temp gauge	U1097, U1255	6075	0.5	0.5
Replace oil pressure gauge	U1097, U1255	6076	0.5	0.5
Replace cigarette lighter	U1097, U1255	6077	0.4	0.4
Perform ECM TSM/TSSM/HFSM module replace procedure	P1009	6701	0.4	0.4
Replaced TSM/TSSM/HFSM, system now ok	P1009	6702	0.4	0.4
Replaced TSM/TSSM/HFSM, system now ok	P1010	6707	1.1	1.1
Replace FOB battery	Fails to disarm	6755	0.1	0.1
Replace FOB	Fails to disarm	6756	0.1	0.1
Replace tail lamp and turn signal converter module	Both lamps on one side inoperative, B1123-B1126	6809	0.4	0.4
Replace bulb	Both lamps on one side inoperative, flash at double normal rate, B1121, B1122	6820	0.2	0.2
Remove corrosion	Flash at double normal rate	6821	0.2	0.2
Remove corrosion/Replace bulb	Flash at double normal rate	6822	0.4	0.4
Replace lamp assembly	Flash at double normal rate, B1121, B1122	6823	0.4	0.4
Replace speedometer	Serial data missing, no check engine lamp, U1016, U1097, U1255	6072	0.5	0.5
Replace speedometer	No security lamp during bulb check	6738	0.3	0.3
Replace speedometer	U1300, U1301	6765	0.7	0.7

MAM = FLHTCUTG

MBM = FLHXXX

Table 7-8. Tri Glide Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
Replace speedometer	Cruise control malfunction	6769	0.4	0.4
Replace speedometer	No check engine lamp, cosmetics only, B1008, security lamp on continuously after bulb check	7311	0.3	0.3
Replace tachometer	Serial data missing, no check engine lamp, U1016, U1097, U1255	6772	0.5	0.5
Replace tachometer	U1300, U1301	6803	0.7	0.7
Replace TSM/TSSM/HFSM	U1016, U1064, U1255	6717	0.8	0.8
Replace TSM/TSSM/HFSM	Turn signal error 1A - won't cancel upon completion	6773	0.9	0.9
Replace TSM/TSSM/HFSM	B1131	6833	0.7	0.7
Replace TSM/TSSM/HFSM	B1135	6845	0.4	0.4
Replace TSM/TSSM/HFSM	Starter inoperative, nothing clicks, fails to disarm, both lamps on one side inoperative, flash at double normal rate, no check engine lamp, B1121, B1122, B1123, B1124, B1125, B1126, B1134, B1141, B1143, B1144, B1145, B1154, B1155	6880	0.5	0.5
Replace TSM/TSSM/HFSM	Starter inoperative - nothing clicks, B1152, B1153	6963	0.6	0.6
Replace TSM/TSSM/HFSM	Serial data missing, U1300, U1301	7998	1.0	1.0
Replace security siren	B1131, B1132	6832	0.5	0.5
Replace security siren	No check engine lamp, B 1151	7161	0.3	0.3
Replace security antenna	B1143-B1145	6878	0.3	0.3
Replace security antenna harness	B1145	6881	0.5	0.5
AUTOMATIC COMPRESSION RELEASE				
Replace ACR solenoid.	P1655, P1656	7077	2.3	2.3
SOUND SYSTEM				
Replace mode switch	B2009	5183	1.5	1.5
Replace PTT/Squelch switch	B2009	5184	1.2	---
Replace audio switch	B2009	5186	1.4	1.4

Table 7-8. Tri Glide Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
Replace radio	Symptom - switches inoperative, B2006-B2012, B2016-B2023	6101	0.6	0.6
Replace radio	Symptom - poor/no reception AM (HDI LW/MW), FM, WB, symptom - radio inoperative, symptom - intercom inoperative, handheld microphone PTT inoperative, symptom - speaker switch malfunction, symptom - CD won't eject on base radio, symptom - aux input inoperative, symptom - headset speakers inoperative, U1302, U1307	6103	0.7	0.7
Replace radio	Symptom - no or low audio from microphones, symptom - CB receiver inoperative, serial data missing, U1300, U1301	6120	1.0	---
Replace radio	Symptom - CD skipping	6174	0.9	0.9
Replace spark plugs	Symptom - static present in audio	6132	0.4	0.4
Replace spark plug wires	Symptom - static present in audio	6133	0.4	0.4
Replace voltage regulator	Symptom - static present in audio	6134	0.3	0.3
Replace starter relay	Symptom - radio inoperative	6138	0.5	0.5
Replace speaker switch	Symptom - speaker switch malfunction	6143	0.6	---
Loosen and align radio chassis	Symptom - CD skipping	6171	0.4	0.4
Align or replace front motor mount	Symptom - CD skipping	6173	0.9	0.9
Replace speaker	B2016, B2017	6605	0.3	0.3
Replace speaker	B2020, B2021	6606	0.5	0.5
Replace antenna cable or mast connector	Symptom - poor/no reception AM (HDI LW/MW), FM, WB, symptom - CB receiver inoperative, symptom - CB transmitter inoperative	6609	0.9	0.9
Replace CB antenna mast	Symptom - CB receiver inoperative, symptom - CB transmitter inoperative	6613	0.4	---
Replace pod headset harness	Handheld microphone PTT inoperative, symptom - headset speakers inoperative	6616	0.7	---

MAM = FLHTCUTG

MBM = FLHXXX

Table 7-8. Tri Glide Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			MAM	MBM
Replace CB module includes SWR check	Symptom - CB receiver inoperative, symptom - CB transmitter inoperative, symptom - no or low audio from microphones, U1302, U1307	6625	0.7	---
Replace passenger rear control switch	B2012	6627	0.7	---
REVERSE CIRCUIT				
Replace reverse motor	Reverse motor runs continuously, reverse motor spins but does not engage	1817	0.5	0.5
Replace reverse motor	Reverse motor stalls or spins too slowly, Reverse inoperative	1828	0.7	0.7
Replace RCM solenoid	Reverse motor runs continuously	1818	0.3	0.3
Replace RCM solenoid	Reverse inoperative	1832	0.5	0.5
Replace RCM	Reverse motor runs continuously	1822	0.6	0.6
Replace RCM	Reverse inoperative	1831	0.5	0.5
Replace ring gear/clean bolts/adjust belt	Reverse motor spins but does not engage	1824	2.2	2.2
Mechanical bind present in reverse system, use with additional appropriate code	Reverse motor stalls or spins too slowly	1827	0.6	0.6
Replace reverse switch assembly - includes diagnostics	Reverse inoperative	1833	0.7	0.7
Replace circuit breaker	Reverse inoperative	1834	0.3	0.3

NOTES

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Unless otherwise specified, Job Times shown include all operations necessary to complete the listed job.

SZX = TLE

SKX = TLEU

Table 8-1. All Times

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			SZX TLE	SKX TLE-U
PAINT REPAIR				
NOTE: Use these codes when Repairing any painted part on vehicle with the Kent Moore finesse kit or other paint Repair methods				
Light scuff/scratch - buff		1102	0.2	0.2
Light sanding/buff/blend		1104	0.4	0.4
Buff entire part		1106	0.6	0.6
Repair build up in clear/paint		1108	0.8	0.8
Color blend/paint/buff		1110	1.0	1.0
ACCESSORY SIDECAR				
Replace sidecar windshield		6901	0.2	0.2
Replace sidecar fender		6904	0.8	0.8
Replace seat		6907	0.2	0.2
Replace liner (carpeting)		6913	0.4	0.4
Replace armrest storage pouch		6916	---	0.2
Replace armrest		6919	0.2	0.2
Replace handles		6922	---	0.1
Replace brake pads		6926	0.2	0.2
Replace brake caliper		6927	0.3	0.3
Replace brake disc		6929	0.3	0.3
Replace wheel		6931	0.7	0.7
Check or true spoke wheel	if equipped	2155	0.5	0.5
Replace axle		6934	0.3	0.3
Replace console		6946	---	0.6
Replace switch chrome trim plate	Includes installation of new trim insert	6955	---	0.3
Removal of sidecar for service and reattachment	Includes brake bleed and verifying alignment	6954	1.1	1.3
Sidecar alignment		6956	0.8	0.8

Table 8-1. All Times

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			SZX TLE	SKX TLE-U
Sidecar tub removal		6958	0.3	0.5
ELECTRICAL				
Repair any single wire	Light circuit	5039	0.5	0.5
Repair any single wire	Accessory circuit	5043	0.5	0.5
Repair any single wire	All wires except lighting and accessory circuits	5041	0.5	0.5
Repair/Replace audio harness		6940	---	1.4
Replace speaker		6943	---	0.8
Replace amplifier		6949	---	0.6
Replace console switch assembly		6952	---	0.8
Replace console switch knobs		6953	---	0.1
Sidecar bank angle sensor switch kit installation		---	0.4	0.4
Replace TSM/TSSM/HFSM	B1152, B 1153	6963	0.6	0.6
Replace sidecar bank angle sensor	B 1152, B 1153	6967	0.4	0.4
Replace sidecar bank angle sensor	B 1151	6968	0.2	0.2
Replace security siren	B 1151	6969	0.3	0.3

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Unless otherwise specified, Job Times shown include all operations necessary to complete the listed job.

PR8 = FLHTCUSE5

Table 9-1. Service

ITEM	DESCRIPTION	LABOR CODE	MODELS
			PR8
NEW			
Set-up and predelivery		---	2.5
1,000 mile (1,600 km) service		---	2.4
REGULAR			
5,000 mile (8,000 km) maintenance		---	1.7
10,000 mile (16,000 km) maintenance		---	2.2
15,000 mile (24,000 km) maintenance		---	1.5
20,000 mile (32,000 km) maintenance		---	2.5
25,000 mile (40,000 km) maintenance		---	2.8
30,000 mile (48,000 km) maintenance		---	2.4
35,000 mile (56,000 km) maintenance		---	1.7
40,000 mile (64,000 km) maintenance		---	2.3
45,000 mile (72,000 km) maintenance		---	1.3
50,000 mile (80,000 km) maintenance		---	6.9
Addition to any maintenance- required every 2 years	flush/fill D.O.T 4 brake fluid- front and rear ABS models, clutch	---	1.4

Table 9-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS
			PR8
PAINT REPAIR			
NOTE: Use these codes when repairing any painted part on vehicle with the Kent Moore finesse kit or other paint repair methods			
Light scuff/scratch - buff		1102	0.2
Light sanding/buff/blend		1104	0.4
Buff entire part		1106	0.6
Repair build up in clear/paint		1108	0.8
Color blend/paint/buff		1110	1.0
WHEELS			
Replace axle covers	front	2112	0.1
HANDLEBARS			
Replace handlebars	includes removing radio	2206	2.6
FRAME/SWING ARM/FRONT FORK			
Replace lower triple tree chrome cover		2314	0.1
Replace shift lever peg/insert		2392	0.1
BRAKES			
Replace caliper decorative insert	one	2429	0.1
Replace rear brake pedal cover		2496	0.1
SEATS/FENDERS/TANKS			
Replace seat/seat strap	either or both; includes diagnosis for heated seat	2506	0.3
Replace rider backrest pad		2509	0.1
Replace rider backrest bracket	on rear fender	2511	0.3
Replace passenger backrest		6515	0.2
Replace passenger backrest lumbar adjustment knob		6536	0.2
EXHAUST SYSTEM			
Replace one muffler end		2647	0.1

PR8 = FLHTCUSE5

Table 9-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS
			PR8
Replace one muffler heat shield		2649	0.1

Table 9-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS
			PR8
CRANKCASE			
Replace oil cooler guard		4521	0.3
Replace oil cooler		4525	0.4
Replace oil cooler mounting bracket		4526	0.4
Replace oil cooler hose and/or clamp	one or both	4528	0.6
Replace oil filter mount/fittings		4533	0.4
Replace oil filter mount bypass cover and/or gasket		4534	0.4

PR8 = FLHTCUSE5

Table 9-4. Drive and Clutch

ITEM	DESCRIPTION	LABOR CODE	MODELS
			PR8
CLUTCH			
Replace clutch release plate and/or bearing		4016	0.4
Replace clutch actuator cover and/or gasket	includes fluid refill and system bleed	4018	1.5
Replace clutch push rod		4019	0.3
Replace clutch master cylinder	includes fluid refill and system bleed	4020	0.4
Rebuild clutch master cylinder assembly	includes gasket replacement, fluid refill, and system bleed	4021	0.6
Rebuild clutch actuator assembly	includes gasket replacement, fluid refill, and system bleed	4022	1.7
Bleed clutch system of air	includes fluid refill	4024	0.1
Replace clutch master cylinder cover and/or gasket		4026	0.1
Replace clutch line	includes fluid refill and system bleed	4028	0.8
Replace clutch line gaskets and/or o-ring	leak repair, fluid refill, and system bleed	4029	0.2

Table 9-5. Transmission

ITEM	DESCRIPTION	LABOR CODE	MODELS
			PR8
TRANSMISSION			
NOTE: See the FLHTK (KEM) model information for all Transmission times.			

PR8 = FLHTCUSE5

Table 9-6. OEM Accessories

ITEM	DESCRIPTION	LABOR CODE	MODELS
			PR8
ACCESSORIES			
Replace inner fairing dash pad		6214	0.4
Replace one saddlebag filler strip		6278	0.2
Replace garage door opener transmitter/harness	includes outer fairing removal	6415	0.4

Table 9-7. Electrical - General

ITEM	DESCRIPTION	LABOR CODE	MODELS
			PR8
WIRING			
Handlebar harness	repair short	6551	2.3
Handlebar harness	repair open	6552	2.3
Replace amplifier harness		6559	1.1
LIGHTS			
Replace turn signal light assembly	front - one side	5201	0.5
Replace turn signal light assembly	front - both sides	5202	0.7
Replace turn signal light assembly	rear	5205	0.6
Replace auxiliary lamp assembly	front - one side includes aiming	5242	0.6
Replace auxiliary lamp assembly	front - both sides includes aiming	5243	0.9
Replace auxiliary lamp/directional mount	one side, includes lamp remove, replace and aiming	5244	0.9
Replace auxiliary lamp/directional mount	both sides, includes lamp remove, replace and aiming	5245	1.3
Replace king tour-pak wrap-around light bezel		5235	0.4
Replace king tour-pak wrap around light LED assembly	any or all of the 3 LED assemblies	5249	0.4
Replace tour pak or one saddlebag interior light		5253	0.2

PR8 = FLHTCUSE5

Table 9-8. FLHTCUSE5 Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS
			PR8
NOTE: All codes include diagnostic time and replacement time if required. The codes must be used in conjunction with the diagnostic/repair procedures listed in the current Touring Service Manual, FLHTCUSE5 Service Supplement and the Touring Electrical Diagnostic Manual.			
AUTOMATIC COMPRESSION RELEASE			
Replace grounded/defective ACR solenoid.	Automatic compression release diagnosis	7077	2.3
Replace both ACR solenoids.	Automatic compression release diagnosis	7078	2.5
Replace ECM	Automatic compression release diagnosis	7080	0.9
POWER LOCK SYSTEM			
Replace lock cam or cable in saddlebag or tour pak	Power locks inoperative	6220	0.5
Replace lock cylinder in saddlebag or tour pak	Power locks inoperative	6221	0.4
Replace power lock module	Power locks inoperative	6223	0.4
Replace power lock fuse	Power locks inoperative	6226	0.4
Replace power lock switch	Power locks inoperative	6228	0.5
Replace power lock actuator in saddlebag or tour pak	Power locks inoperative	6231	0.5
Replace power lock fob	Power locks inoperative	6232	0.2
Replace power lock fob battery	Power locks inoperative	6233	0.1
HEATED SEAT			
Replace fuse	Heated seat inoperative	6546	0.1
Replace seat assembly - includes diagnosis	Heated seat inoperative	2506	0.3
HEATED GRIPS			
Replace heated handlebar grip	Left	6553	1.8
Replace heated handlebar grip	Right	6554	0.3
Replace fuse	Heated grips inoperative	6556	0.1
SOUND SYSTEM – DIAGNOSIS, REPAIR			
Replace amplifier		6949	0.6
Replace high output amplifier	B2016	6107	0.6

Table 9-8. FLHTCUSE5 Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS
			PR8
Replace speaker	B2016	6605	0.4
Replace speaker	B2020	6606	0.5
Replace high output amplifier	U1302	6108	0.7
Replace XM module	U1302	6126	0.5
Replace radio	U1313	6102	0.7
Replace fuse	U1317	6130	0.2
Replace high output amplifier	U1317	6109	0.4
Replace radio	U1317	6102	0.7
Replace spark plugs	Static present in audio	6132	0.5
Replace spark plug wires	Static present in audio	6133	0.5
Replace voltage regulator	Static present in audio	6134	0.4
Replace fuse	No or low audio with high output amplifier (No DTCs)	6130	0.2
Replace radio	No or low audio with high output amplifier (No DTCs)	6104	0.8
Replace high output amplifier	No or low audio with high output amplifier (No DTCs)	6110	0.8
Replace radio	No or partial audio from XM module	6101	0.6
Replace XM module	No or partial audio from XM module	6126	0.5
Replace XM antenna	XM, no reception, intermittent reception	6146	0.4
NAVIGATION MODULE			
Replace navigation antenna or bracket		6180	0.4
Replace navigation module	U1302	6181	0.5
Replace navigation module	Navigation inop	6182	0.4

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Unless otherwise specified, Job Times shown include all operations necessary to complete the listed job.

PZ8 = FLHXSE

Table 10-1. Service

ITEM	DESCRIPTION	LABOR CODE	MODELS
			PZ8
NEW			
Set-up and predelivery		---	2.5
1,000 mile (1,600 km) service		---	2.4
REGULAR			
5,000 mile (8,000 km) maintenance		---	1.7
10,000 mile (16,000 km) maintenance		---	2.2
15,000 mile (24,000 km) maintenance		---	1.5
20,000 mile (32,000 km) maintenance		---	2.5
25,000 mile (40,000 km) maintenance		---	2.8
30,000 mile (48,000 km) maintenance		---	2.4
35,000 mile (56,000 km) maintenance		---	1.7
40,000 mile (64,000 km) maintenance		---	2.3
45,000 mile (72,000 km) maintenance		---	1.3
50,000 mile (80,000 km) maintenance		---	6.9
Addition to any maintenance- required every 2 years	flush/fill D.O.T 4 brake fluid- front and rear ABS models, clutch	---	1.4

Table 10-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS
			PZ8
PAINT REPAIR			
NOTE: Use these codes when repairing any painted part on vehicle with the Kent Moore finesse kit or other paint repair methods			
Light scuff/scratch - buff		1102	0.2
Light sanding/buff/blend		1104	0.4
Buff entire part		1106	0.6
Repair build up in clear/paint		1108	0.8
Color blend/paint/buff		1110	1.0
WHEELS			
Replace axle covers	front	2112	0.1
HANDLEBARS			
Replace handlebars	includes removing radio	2206	2.3
FRAME/SWING ARM/FRONT FORK			
Replace lower triple tree chrome cover		2314	0.1
Replace shift lever peg/insert		2392	0.1
BRAKES			
Replace caliper decorative insert	one	2429	0.1
Replace rear brake pedal cover		2496	0.1
SEATS/FENDERS/TANKS			
Replace passenger backrest mounts / bushings	all or one	2513	0.3
Replace passenger backrest pad/trim/insert		6515	0.1
EXHAUST SYSTEM			
Replace one muffler end		2647	0.1
Replace one muffler heat shield		2649	0.1

PZ8 = FLHXSE

Table 10-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS
			PZ8
CRANKCASE			
Replace oil cooler guard		4521	0.3
Replace oil cooler		4525	0.4
Replace oil cooler mounting bracket		4526	0.4
Replace oil cooler hose and/or clamp	one or both	4528	0.6
Replace oil filter mount/fittings		4533	0.4
Replace oil filter mount bypass cover and/or gasket		4534	0.4

Table 10-4. Drive and Clutch

ITEM	DESCRIPTION	LABOR CODE	MODELS
			PZ8
CLUTCH			
Replace clutch release plate and/or bearing		4016	0.4
Replace clutch actuator cover and/or gasket	includes fluid refill and system bleed	4018	1.5
Replace clutch push rod		4019	0.3
Replace clutch master cylinder	includes fluid refill and system bleed	4020	0.4
Rebuild clutch master cylinder assembly	includes gasket replacement, fluid refill, and system bleed	4021	0.6
Rebuild clutch actuator assembly	includes gasket replacement, fluid refill, and system bleed	4022	1.7
Bleed clutch system of air	includes fluid refill	4024	0.1
Replace clutch master cylinder cover and/or gasket		4026	0.1
Replace clutch line	includes fluid refill and system bleed	4028	0.8
Replace clutch line gaskets and/or o-ring	leak repair, fluid refill, and system bleed	4029	0.2

PZ8 = FLHXSE

Table 10-5. Transmission

ITEM	DESCRIPTION	LABOR CODE	MODELS
			PZ8
TRANSMISSION			
NOTE: See the FLHX (KB4) model information for all Transmission times.			

Table 10-6. OEM Accessories

ITEM	DESCRIPTION	LABOR CODE	MODELS
			PZ8
ACCESSORIES			
NOTE: See the FLHX (KB4) model information for all OEM Accessory times.			

PZ8 = FLHXSE

Table 10-7. Electrical - General

ITEM	DESCRIPTION	LABOR CODE	MODELS
			PZ8
WIRING			
Handlebar harness	Repair short	6551	2.3
Handlebar harness	Repair open	6552	2.3

Table 10-8. FLHXSE Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS
			PZ8
NOTE: All codes include diagnostic time and replacement time if required. The codes must be used in conjunction with the diagnostic/repair procedures listed in the current Touring Service Manual, FLHXSE Service Supplement and the Touring Electrical Diagnostic Manual.			
AUTOMATIC COMPRESSION RELEASE			
Replace grounded/defective ACR solenoid.	Automatic compression release diagnosis	7077	2.3
Replace both ACR solenoids.	Automatic compression release diagnosis	7078	2.5
Replace ECM	Automatic compression release diagnosis	7080	0.9

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Unless otherwise specified, Job Times shown include all operations necessary to complete the listed job.

PY9 = FLSTSE

Table 11-1. Service

ITEM	DESCRIPTION	LABOR CODE	MODELS
			LABOR CODE
NEW			
Set-up and predelivery		---	2.1
1000 (800 km)mile service		---	1.5
REGULAR			
5,000 (8,000 km) mile maintenance		---	1.0
10,000 (16,000 km) mile maintenance		---	1.5
15,000 (24,000 km) mile maintenance		---	1.0
20,000 (32,000 km) mile maintenance		---	1.5
25,000 (40,000 km) mile maintenance		---	1.5
30,000 (48,000 km) mile maintenance		---	1.5
Addition to any maintenance- required every 2 years	flush/fill D.O.T 4 brake fluid- front and rear brake, and clutch	---	---

Table 11-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS
			PY9
PAINT REPAIR			
NOTE: Use these codes when repairing any painted part on vehicle with the Kent Moore finesse kit or other paint repair methods			
Light scuff/scratch - buff		1102	0.2
Light sanding/buff/blend		1104	0.4
Buff entire part		1106	0.6
Repair build up in clear/paint		1108	0.8
Color blend/paint/buff		1110	1.0
HANDLEBARS			
Replace handlebars		2206	2.2
FRAME/SWING ARM/FRONT FORK			
Replace front axle covers	either one	6502	0.1
Replace rear axle covers	left side	6503	0.1
Replace rear axle covers	right side	6504	0.2
SEATS/FENDERS/TANKS			
Replace fender support cover - one only		2536	0.1
Rear fender accents (each)		6558	0.1
ACCESSORIES			
Sissybar upright		6511	0.8
Replace backrest		6515	0.2
Sissybar side plate		6564	0.2
Replace one saddlebag		6518	0.1
Replace one saddlebag bracket		6519	0.2
Replace windshield		6517	0.5
Replace fairing lower		6272	0.5
Replace inner fairing		6237	0.5
Replace fairing supports		6238	0.5

PY9 = FLSTSE

Table 11-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS
			PY9
Replace windshield bracket		6239	0.5

Table 11-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS
			PY9
FUEL SYSTEM			
Replace air cleaner backing plate		3501	0.3
Replace air cleaner insert		3541	0.1
Replace air cleaner		3543	0.1
Replace air cleaner cover		3502	0.1

PY9 = FLSTSE

Table 11-4. Drive and Clutch

ITEM	DESCRIPTION	LABOR CODE	MODELS
			PY9
CLUTCH			
Replace and/or service clutch control lever		2221	0.1
Replace clutch release plate and/or bearing		4016	0.3
Replace clutch actuator cover and/or gasket	includes fluid refill and system bleed	4018	1.5
Replace clutch push rod		4019	0.3
Replace clutch master cylinder	includes fluid refill and system bleed	4020	0.4
Rebuild clutch master cylinder assembly	includes gasket replacement, fluid refill, and system bleed	4021	0.6
Rebuild clutch actuator assembly	includes gasket replacement, fluid refill, and system bleed	4022	1.6
Bleed clutch system of air	includes fluid refill	4024	0.1
Replace clutch master cylinder cover and/or gasket		4026	0.1
Replace clutch line	includes fluid refill and system bleed	4028	0.5
Replace clutch line gaskets and/or o-ring	leak repair, fluid refill, and system bleed	4029	0.2

Table 11-5. Transmission

ITEM	DESCRIPTION	LABOR CODE	MODELS
			PY9
TRANSMISSION			
NOTE: See the FLST model information for all Transmission times.			

PY9 = FLSTSE

Table 11-6. Electrical - General

ITEM	DESCRIPTION	LABOR CODE	MODELS
			PY9
HANDLEBARS			
Replace left upper handlebar switch		5171	0.6
Replace right upper handlebar switch		5173	0.8
Replace front brake light switch		5176	1.0
Replace headlight shroud		5241	0.4
INSTRUMENTS			
Replace speedometer	cosmetics only	6003	0.5
Replace console		6012	0.5
Replace lower console		6085	0.5

Table 11-7. FLSTSE Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS
			PY9
AUTOMATIC COMPRESSION RELEASE			
Replace grounded/defective ACR solenoid.	Automatic compression release diagnosis	7077	2.1
Replace both ACR solenoids	Automatic compression release diagnosis	7078	2.3
Replace ECM	Automatic compression release diagnosis	7080	0.9

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Unless otherwise specified, Job Times shown include all operations necessary to complete the listed job.

PX8 = FXDFSE2

PX4 = FXDFSE2

Table 12-1. Service

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			PX8	PX4
NEW				
Set-up and predelivery		---	2.1	2.1
1,000 (1,600 km) mile service		---	2.0	2.0
REGULAR				
5,000 (8,000km) mile maintenance		---	2.1	2.1
10,000 (16,000 km) mile maintenance		---	3.1	3.1
15,000 (24,000 km) mile maintenance		---	2.1	2.1
20,000 (32,000 km) mile maintenance		---	2.2	2.2
25,000 (40,000 km) mile maintenance		---	2.1	2.1
30,000 (48,000 km) mile maintenance		---	2.7	2.7
Addition to any maintenance- required every 2 years	flush/fill D.O.T 4 brake fluid- front and rear brake, and clutch	---	0.4	0.4

Table 12-2. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			PX8	PX4
PAINT REPAIR				
NOTE: Use these codes when repairing any painted part on vehicle with the Kent Moore finesse kit or other paint repair methods				
Light scuff/scratch - buff		1102	0.2	0.2
Light sanding/buff/blend		1104	0.4	0.4
Buff entire part		1106	0.6	0.6
Repair build up in clear/paint		1108	0.8	0.8
Color blend/paint/buff		1110	1.0	1.0
HANDLEBARS				
Replace handlebars		2206	2.0	2.0
Replace master cylinder cover		2479	0.1	0.1
FRAME/SWING ARM/FRONT FORK				
Replace chin fairing		6213	0.2	0.2
Replace chin fairing mounting bracket		6215	0.5	0.5
Replace motor rubber mount	front	2398	0.4	0.4
Replace rear axle covers	left side	6503	0.1	0.1
Replace rear axle covers	right side	6504	0.1	0.1

PX8 = FXDFSE2

PX4 = FXDFSE2

Table 12-3. Engine

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			PX8	PX4
EVAPORATIVE EMISSIONS SYSTEM				
Replace canister	California vehicles only	3527	0.3	0.3

Table 12-4. Drive and Clutch

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			PX8	PX4
CLUTCH				
Replace and/or service clutch control lever		2221	0.1	0.1
Replace clutch release plate and/or bearing		4016	0.3	0.3
Replace clutch actuator cover and/or gasket	includes fluid refill and system bleed	4018	1.5	1.5
Replace clutch push rod		4019	0.3	0.3
Replace clutch master cylinder	includes fluid refill and system bleed	4020	0.4	0.4
Rebuild clutch master cylinder assembly	includes gasket replacement, fluid refill, and system bleed	4021	0.6	0.6
Rebuild clutch actuator assembly	includes gasket replacement, fluid refill, and system bleed	4022	1.6	1.6
Bleed clutch system of air	includes fluid refill	4024	0.1	0.1
Replace clutch master cylinder cover and/or gasket		4026	0.1	0.1
Replace clutch line	includes fluid refill and system bleed	4028	0.5	0.5
Replace clutch line gaskets and/or o-ring	leak repair, fluid refill, and system bleed	4029	0.2	0.2

PX8 = FXDFSE2

PX4 = FXDFSE2

Table 12-5. Transmission

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			PX8	PX4
TRANSMISSION				
NOTE: See the FXDF model information for all Transmission times.				

Table 12-6. Electrical - General

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			PX8	PX4
ELECTRICAL				
Replace tachometer	Cosmetic issue	6009	0.3	0.3

PX8 = FXDFSE2

PX4 = FXDFSE2

Table 12-7. FXDFSE2 Diagnostics

ITEM	DESCRIPTION	LABOR CODE	MODELS	
			PX8	PX4
NOTE: All codes include diagnostic time and replacement time if required. The codes must be used in conjunction with the diagnostic/repair procedures listed in the Dyna Service Manual, the FXDFSE2 Service Supplement and the Dyna Electrical Diagnostic Manual				
DIAGNOSTIC TROUBLE CODES				
Replace TSM/TSSM/HFSM	U1064 Loss of TSM/TSSM/HFSM serial data at tachometer	6717	0.5	0.5
Replace ECM and reprogram	U1300 Tachometer serial data low/high	7993	0.9	0.9
AUTOMATIC COMPRESSION RELEASE				
Replace grounded/defective ACR solenoid.	Automatic compression release diagnosis	7077	2.1	---
Replace both ACR solenoids.	Automatic compression release diagnosis	7078	2.3	---
Replace ECM	Automatic compression release diagnosis	7080	0.9	---

NOTES

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Unless otherwise specified, Job Times shown include all operations necessary to complete the listed job.

If necessary, see GENERAL INFORMATION pages for model-to-name mapping.

Table 13-1. Chassis

ITEM	DESCRIPTION	LABOR CODE	MODELS
			JOB TIME
Handlebars		8112	0.5
Wheels	each	8114	1.3
Suspension		8116	0.5
Foot pegs		8111	0.3
Floorboards		8113	0.3
Grips		8115	0.4
Hand levers		8117	0.2
Mirrors		8118	0.1
Chrome swingarm		8119	2.0
Chrome front fork slider (Both)	Non-Fairing models	8121	1.0
Chrome front fork slider (Both)	Fairing models	8123	2.0
Chrome fork covers	Softail	8125	0.7
Chrome fork covers	FLT	8126	1.0
Front fender	FL models	8127	1.1
Front fender	FX and XL models	8128	0.3
Front fender	V-Rod models	8102	0.2
Rear fender	all models except VRSC	8129	1.4
Rear fender	V-Rod models	8103	0.2
Fuel tank	FL models	8131	1.2
Fuel tank	Softail and Dyna models	8133	0.9
Fuel tank	XL models	8135	0.3
Chrome caliper		8145	0.4
Airbox cover	V-Rod models	8101	0.1
Composite fenders, spoilers, lowers		8154	0.8

If necessary, see GENERAL INFORMATION pages for model-to-name mapping.

Table 13-2. Functional

ITEM	DESCRIPTION	LABOR CODE	MODELS
			JOB TIME
Sissy bars/sideplates		8142	1.0
Chrome rear sprockets		8143	0.8
Saddlebag support kit		8144	0.6
Chrome engine guards with adjustable highway pegs		8146	0.6
Oil cooler/thermostats		8147	1.0
Tour Pak/Detachable Tour Pak	Includes Mounting Hardware	8158	1.8
Windshields		8152	0.5
Soft saddlebags		8160	0.4
Hard saddlebags		8156	1.8
Miscellaneous soft bags		8162	0.1
Customer seats		8164	0.2
Backrest pads		8166	0.2
Forward Controls		8110	1.8
Rider Backrest		8214	1.0
Tour Pak Spoiler		8215	1.5
Saddle Bag Guard Rail Kit		8216	1.8
Clock or Thermometer	Handlebar Mount	8217	0.2
Detachable Backrest/Luggage Rack	Includes Turn Signal Relocation if necessary	8218	1.2

If necessary, see GENERAL INFORMATION pages for model-to-name mapping.

Table 13-3. Decorative

ITEM	DESCRIPTION	LABOR CODE	MODELS
			JOB TIME
Decorative covers		8132	0.2
O.E. Style Items with logos		8134	0.1
Visors		8136	0.1
Dashinators		8138	0.5
Muffler end caps		8201	0.2
Chrome fender skirts/rails		8141	0.2
Rotor covers		8148	0.5
Tank panels		8168	0.1
Brake Caliper/Rotor Covers		8145	1.0

If necessary, see GENERAL INFORMATION pages for model-to-name mapping.

Table 13-4. Performance

ITEM	DESCRIPTION	LABOR CODE	MODELS
			JOB TIME
Air cleaners		8172	0.2
P&A Head, valves		8174	3.5
Cylinders/pistons		8175	3.2
Cams		8176	2.5
Flywheel/connecting rod assembly		8177	7.0
Ignition		8178	0.7
Cylinder heads/gaskets		8179	3.5
Valve train	pushrods, springs, etc.	8180	3.5
Clutch		8190	1.0
Transmission/SE 6 Speed		8195	5.5

If necessary, see GENERAL INFORMATION pages for model-to-name mapping.

Table 13-5. Electrical

ITEM	DESCRIPTION	LABOR CODE	MODELS
			JOB TIME
Turn signal relocation kit		8137	0.7
Security System/Pager/Siren		8219	0.5
Electra Glow Lights		8220	1.7
Tour Pak Light		8221	0.5
Heated Grips		8205	1.8

If necessary, see GENERAL INFORMATION pages for model-to-name mapping.

Table 13-6. Advanced Audio System

ITEM	DESCRIPTION	LABOR CODE	MODELS
			JOB TIME
HANDS FREE MODULE			
Hands free module won't pair		8181	0.2
Infotainment bus lost communications with Hands free module, DTC U1306		8182	0.5
U1302 Infotainment Bus Off Error	Replace Hands free module	8183	0.5
Symptom - No or Partial Audio to Hands free module (HFM)	Replace Hands free module	8184	0.2
Symptom - No or Partial Audio to Hands free module (HFM)	Repair wiring	8185	0.6
Symptom - No or Partial Audio to Hands free module (HFM)	Replace radio	8186	0.7
Symptom - No or Partial Audio from Hands free module (HFM)	Replace Hands free module	8187	0.5
Symptom - No or Partial Audio from Hands free module (HFM)	Repair wiring	8188	0.6
Symptom - No or Partial Audio from Hands free module (HFM)	Replace radio	8189	0.7
Symptom - No or low audio from microphones	Replace Hands free module	8191	0.8
Symptom - No or low audio from microphones	Locate and repair short in harness between R and BK wires	8192	0.9
XM MODULE			
U1302 Infotainment Bus Off Error	Replace XM module	8193	0.5
No or intermittent reception on XM	Replace XM module	8194	0.5
No or intermittent reception on XM	Replace XM antenna	8196	0.4
NAVIGATION MODULE			
U1302 Infotainment Bus Off Error	Replace Navigation module	8197	0.5
Symptom - Navigation inop	Replace Navigation module	8198	0.4
Symptom - Navigation inop	Replace GPS (Navigation) antenna	8199	0.4

If necessary, see GENERAL INFORMATION pages for model-to-name mapping.

Table 13-6. Advanced Audio System

ITEM	DESCRIPTION	LABOR CODE	MODELS
			JOB TIME
Advanced Audio Navigation/XM	Install	8222	0.5
Amplifier For Advanced Audio System	Install	8223	1.5

NOTES
