

PSI HEAVY DUTY LABOR TIME GUIDE

Description	CODE	3.3L & 5.8L	8.1L & 11.1L	15L, 18L & 22L	Comments
Engine assembly	L5001	7	8	10	Remove & Replace
Engine	L5002	0.7	0.7	0.7	Troubleshoot
Fuel injection pump	L5003	3	4	6	Remove & Replace
Fuel injection pump*	L5004	0.5	0.5	0.5	Adjust
Fuel injectors	L5005	1	1.5	3	Remove & Replace
Governor, actuator	L5006	1	1	6	Remove & Replace
Crankshaft and main bearings	L5007	2.8	3	4	Remove & Replace
Crankshaft damper	L5008	0.5	0.5	0.5	Remove & Replace
Crankshaft flywheel seal	L5009	1.8	1.8	2.5	Remove & Replace
Crankshaft front cover seal	L5010	1.5	1.5	2	Remove & Replace
Flywheel	L5011	0.5	0.5	0.8	Remove & Replace
Pistons and/ or rings	L5012	4	5.5	6.25	Remove & Replace
Cylinder head assembly	L5013	3.5	3.5	4	Remove & Replace
Cylinder head assembly*	L5014	3	3	5	Recondition
Cylinder head cover	L5015	0.25	0.25	0.25	Remove & Replace
Cylinder head or gasket	L5016	1	2.5	3.2	Remove & Replace
Valves (Intake&Exhaust)*	L5017	0.5	0.5	1	Adjust
Valve spring or stem seal	L5018	1.5	2	2.5	Remove & Replace
Valve push rod	L5019	0.5	0.5	0.5	Remove & Replace
Cooling water pump	L5020	1.25	1	2	Remove & Replace
Fan pulley assembly	L5021	0.8	1.5	1.5	Remove & Replace
Camshaft, gear	L5022	2	2.75	3.7	Remove & Replace
Camshaft	L5023	2	3	4.25	Remove & Replace
Intake manifold	L5024	0.75	1	1	Remove & Replace
Exhaust manifold	L5025	0.3	0.5	0.5	Remove & Replace
Cooling fan	L5026	1	1	1	Remove & Replace
V-belt	L5027	0.3	0.3	0.3	Remove & Replace
Thermostat	L5028	0.5	0.5	0.7	Remove & Replace
Oil pump	L5029	2	2	2	Remove & Replace
Filters(Oil/Fuel)	L5030	0.5	0.5	0.5	Remove & Replace
Oil system	L5031	0.33	0.33	0.33	Remove & Replace
Oil pan	L5032	1	1	1	Remove & Replace
Coolant system	L5033	0.3	0.5	0.7	Drain & Refill
Air cleaner assembly (standard)	L5034	0.3	0.5	0.6	Remove & Replace
Air cleaner assembly (heavy duty)	L5035	0.5	0.7	0.9	Remove & Replace
Air cleaner element	L5036	0.2	0.3	0.3	Remove & Replace
Air cleaner hoses	L5037	0.2	0.3	0.3	Remove & Replace
Exhaust silencer	L5038	1.5	1.5	3	Remove & Replace
Bellows	L5039	0.5	0.5	0.8	Remove & Replace
Exhaust connector	L5040	1.2	1.2	1.2	Remove & Replace
Radiator assembly	L5041	1	1.25	2	Remove & Replace
Heat exchanger assembly	L5042	1.5	2	2.25	Remove & Replace
Coolant heaters	L5043	0.7	1	1.5	Remove & Replace
Coolant hoses	L5044	0.5	0.5	0.5	Remove & Replace
Starter assembly	L5045	0.5	0.5	0.5	Remove & Replace
Charging alternator assembly	L5046	0.5	0.5	0.5	Remove & Replace
Engine wiring harness	L5047	0.6	0.6	0.7	Remove & Replace
Gauge sender/switch	L5048	0.8	0.8	0.8	Remove & Replace
Engine stop solenoid	L5049	0.33	0.33	0.75	Remove & Replace
Magnetic pick up	L5050	0.25	0.25	0.25	Remove & Replace