



Perkins Platinum Protection

Component Coverage Matrix

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Cylinder Block Assembly

Cylinder Block Assembly	Code	Platinum
Auxiliary Drive Assembly	1101	✓
Bearings (Main)	1104	✓
Auxiliary Drive Core Plug	1105	✓
Cylinder Block	1106	✓
Cylinder Block Parent Bores	1107	✓
Cylinder Liners	1108	✓
Core Plugs	1109	✓
Oil Pressure Rail	1110	✓
Oil Pressure Rail Plugs	1111	✓
Rear Oil Seals	1112	✓
Main Bearing Setscrew / Stud	1113	✓
Studs / Setscrew Cylinder Head	1114	✓
Liner Sealing Ring	1116	✓
Bridge Pieces	1117	✓
Water Passages (Block)	1118	✓
Oil Ways (Block)	1119	✓
Piston Cooling Jets	1120	✓
Camshaft End Plug	1121	✓
Liner Seats	1128	✓
Oil Gallery Pipes / Connections	1130	✓
Tappet Block	1131	✓
Drain Cock / Plug	1151	✓
Rear Oil Seal Block Joint	1161	✓
Rear Oil Seal Housing	1162	✓

Cylinder Head Assembly

Cylinder Head Assembly	Code	Platinum
Core Plugs	1202	✓
Cylinder Head	1203	✓
Cylinder Head Gasket	1204	✓
Manifold – Exhaust	1205	✓
Manifold – Inlet	1206	✓
Rocker Level	1207	✓
Rocker Bush	1208	✓
Rocker Oil Feed Pipe	1209	✓
Rocker Shaft	1210	✓
Tappet Setscrew	1211	✓
Valve Inlet	1212	✓
Valve Seats	1213	✓
Valve Springs	1214	✓
Valve Guides	1215	✓
Cotters	1216	✓
Valve Spring Cap	1217	✓
Valve Seats	1218	✓
Cylinder Head Cover	1219	✓
Cylinder Head Cover to Head Joint	1220	✓
Water Passages	1221	✓
Valve Rotators	1222	✓
Water Outlet Connection	1223	✓
Rocker Shaft Pedestal / Bracket	1224	✓
Oil Ways	1225	✓
Backplate / End Cover	1226	✓
Valve Exhaust	1227	✓
Exhaust Manifold Extension *	1228	✓
Pedestal Screw	1229	✓
Heater Plug (Not Thermostart)	1237	✓
Hardware (Cylinder Head)	1250	✓
Joint – Combustion Cap To Head	1261	✓
Joint – Backplate	1262	✓
Joint – Water Outlet	1263	✓
Valve Bridge Pieces	1264	✓
Joint – Inlet Manifold	1265	✓
Joint – Exhaust Manifold	1266	✓
Exhaust Bellows *	1267	✓
Injector / Spark Plug Tube	1268	✓
Silencer *	1269	✓

Piston Assembly

Piston Assembly	Code	Platinum
Connecting Rod	1301	✓
Connecting Rod Big End	1302	✓
Connecting Rod Small End Bush	1304	✓
Connecting Rod Big End Bearing Shell	1305	✓
Connecting Rod Setscrews, Bolts and Nuts	1306	✓
Gudgeon Pin	1307	✓
Piston	1308	✓
Piston Rings – Compression	1309	✓
Piston Rings – Scrapers	1310	✓
Piston Ring Lands	1311	✓
Gudgeon Pin Circlip	1312	✓

Crankshaft Assembly

Crankshaft Assembly	Code	Platinum
Crankshaft	1401	✓
Balance Weight	1402	✓
Journals	1403	✓
Pin	1404	✓
Damper	1406	✓
Main Bearing Shell	1407	✓
Pulley *	1408	✓
Thrust Washers	1409	✓
Hub, Pulley, Setscrew and Ring Feeder *	1411	✓

Crankshaft, Timing Case & Gear Assembly

Crankshaft, Timing Case and Gear Assembly	Code	Platinum
Auxiliary Drive Oil Seal	1501	✓
Auxiliary Drive Shaft	1502	✓
Auxiliary Drive Worm Wheel	1503	✓
Auxiliary Drive Thrust Washer	1504	✓
Camshaft	1505	✓
Camshaft Gear	1506	✓
Water Pump Drive Gear	1507	✓
Camshaft Thrust Washer	1508	✓
Push Rod	1509	✓
Tappets	1510	✓
Timing Gear Crankshaft	1511	✓
Timing Gear Fuel Pump	1512	✓
Timing Gear Idler	1513	✓
Timing Gear Idler Hub	1514	✓
Timing Gear Setscrew	1515	✓
Timing Case / Backplate	1516	✓
Timing Gear Cover	1517	✓
Timing Case Front Seal	1518	✓
Timing Case to Block Joint	1519	✓
Valve Timing	1520	✓
Camshaft Bush	1521	✓
Idler Gear Bush	1523	✓
Compressor Drive Gear *	1524	✓
Timing Gear Assembly	1525	✓
Camshaft Oil Seal	1526	✓
Timing Belt *	1527	✓
Timing Belt Tensioner *	1528	✓
Hydraulic Pump Gear *	1529	✓
Auxiliary Drive Gear / Auxiliary Spring Plate	1531	✓
Joint – Timing Case Cover	1561	✓
Joint – Blanking Plates	1562	✓
Joint – Auxiliary Drive to Timing Case	1563	✓
Compounder Gear	1564	✓

Sump Assembly

Sump Assembly	Code	Platinum
Sump	1601	✓
Dipstick / Tube *	1602	✓
Suction Pipe / Strainer	1603	✓
Delivery Pipe	1604	✓
Oil Pump	1606	✓
Relief Valve Assembly	1607	✓
Sump Joint Block	1608	✓
Scavenger Oil Pump	1610	✓
Balancer	1611	✓
Sump Drain Plug	1612	✓
Oil Pump Idler	1613	✓
Oil Pump Drive Gear	1614	✓
Oil Pump Drive Shaft	1615	✓
Joint – Sump to Bridge Piece	1661	✓
Sump Adaptor	1662	✓

Fuelling System & Engine Performance

Fuelling System and Engine Performance	Code	Platinum
Fuel Pump / Distributor *	1701	✓
Lift Pump *	1702	✓
HP Fuel Pipes / HT Leads *	1703	✓
LP Fuel Pipes	1704	✓
Fuel Pipe Connections	1705	✓
Smoke Set	1706	✓
Injectors / Spark Plugs	1707	✓
Injector Studs / Clamping Device	1708	✓
1300 Series Fuel Supply Pump	1710	✓
1300 Series Manifold Fuel Return Valve	1711	✓
1300 Series Injection Control Pressure Pump	1712	✓
Carburettor *	1713	✓
Ignition Coil *	1714	✓
Leak Off Pipe	1716	✓
Fuel Filter	1717	✓
Fuel Pump Adaptor Plate / Mounting Bracket	1718	✓
Electronic Unit Injectors	1719	✓
Lift Pump Priming Level	1723	✓
Solenoids *	1727	✓
Delivery Valve Assembly	1728	✓
Fuel Filter Bracket	1729	✓
Boost Control	1731	✓
Boost Control Pipe	1732	✓
Water Trap *	1733	✓
Joint – Fuel Pump Adaptor / Block	1761	✓
Joint – Lift Pump / Block	1762	✓
Fuel Pump Drive Dog	1763	✓
Gas Valve *	1764	✓
Spit Back Detector *	1765	✓
Fuel Tank *	1780	✓

Auxiliary Equipment

Auxiliary Equipment	Code	Platinum
Alternator *	1801	✓
Alternator Pulley *	1802	✓
Alternator Bracket / Mounting *	1803	✓
Alternator Adjusting Level *	1804	✓
Compressor *	1805	✓
Oil Filter	1806	✓
Starter Motor *	1807	✓
Oil Pressure Switch	1808	✓
Voltage Regulator *	1809	✓
Flywheel *	1810	✓
Gearbox *	1811	✓
Tachometer Drive *	1812	✓
Hourmeter *	1813	✓
Bus Bar	1814	✓
Thermostart	1817	✓
Steering Pump *	1818	✓
Hydraulic Pump *	1819	✓
Key Switch *	1820	✓
Miscellaneous Electrics	1822	✓
Wet Back-End Oil Seal *	1823	✓
Flywheel Housing / Backplate *	1825	✓
Turbocharger	1826	✓
Turbocharger Oil Feed Pipe	1827	✓
Turbocharger Oil Drain Pipe	1828	✓
Miscellaneous Hoses (Air)	1829	✓
Compressor Oil Pipes *	1830	✓
Governor / Controls / Linkages	1831	✓
Compressor Air Pipes *	1832	✓
Compressor Coolant Pipes *	1833	✓
Exhauster *	1834	✓
Clutches	1835	✓
Starter Ring Gear	1836	✓
Compressor Mounting	1837	✓
Flywheel Spigot Bearing	1838	✓
Lifting Bracket	1839	✓
Flywheel Fixing	1840	✓
Oil Breather	1842	✓
Air Cylinder Exhauster Brake *	1843	✓
Rear Mounting Feet *	1844	✓
Front Mounting Feet *	1845	✓
Oil Filter Head	1847	✓

Auxiliary Equipment Continued

Oil Filler	1849	✓
Noise Damping Equipment *	1851	✓
External Lub Oil Pipes	1853	✓
Oil Filter Pipes	1854	✓
Charge Air Pipe	1865	✓
Overspeed Switch *	1873	✓
Starter Pinions / Sleeve	1859	✓
Oil Filter Adaptor / Joint	1862	✓
Joint – Turbocharger	1864	✓
Electronic Governor / Throttle Actuator *	1867	✓
Instruments *	1868	✓
Electronic Ignition Control Unit	1869	✓
Air Cleaner *	1870	✓
Air Shut Off Valves *	1871	✓
Battery *	1872	✓
Fast Start Relay *	1874	✓
Starter Circuit Control Module	1875	✓

Cooling System

Cooling System	Code	Platinum
Oil Cooler	1901	✓
Radiator *	1902	✓
Miscellaneous Oil Hoses / Pipes *	1903	✓
Miscellaneous Water Hoses / Pipes *	1904	✓
Joints – Cooling System	1905	✓
Fan *	1906	✓
Fan Belt *	1907	✓
Fan Belt Tensioner / Pulley *	1908	✓
Fan Guard *	1909	✓
Oil Cooler Pipes	1913	✓
Thermostat	1916	✓
Thermostat Housing / Joints	1917	✓
Water Pump (Freshwater)	1919	✓
Water Pump (Raw Water) *	1920	✓
Water Pump Pulley *	1922	✓
Water Temperature Switch	1923	✓
Fan Adaptor / Bracket	1924	✓
Charge Cooler *	1925	✓
Water Pump Backplate	1926	✓
Duct / Hose Charge Cooler *	1927	✓
Joint – Water Pump to Base / Block	1961	✓
Cylinder Block Heater *	1962	✓
Water Level Switch *	1963	✓
Oil Temperature Switch *	1964	✓

Sensors

Sensors	Code	Platinum
Ignition Control Pressure Sensor	2240	✓
Engine Oil Temperature Sensor	2241	✓
Camshaft Position Sensor	2242	✓
Engine Oil Pressure Sensor	2243	✓
Coolant Temperature Sensor	2244	✓
Induction Manifold Pressure Sensor	2245	✓
Barometric Pressure Sensor	2246	✓
Ambient Temperature Sensor	2247	✓
Engine Oil Temperature Sensor	2248	✓
Engine Speed Sensor	2249	✓
Injector Pressure Regulator (IPR)	2250	✓

Switches

Switches	Code	Platinum
Coolant Level Switch	2260	✓
Start Inhibit Relay	2261	✓
Lub Oil Pressure Switch	2262	✓
Coolant Temperature Switch	2263	✓
Lub Oil Temperature Switch	2264	✓
ECM Power Relay (24 Volt)	2265	✓
ECM Power Relay (12 Volt)	2266	✓
Diagnostic Switch	2267	✓

ECM & Other Modules

ECM and Other Modules	Code	Platinum
Voltage Load Protection Module	2268	✓
Electronic Fuel Pump Module	2278	✓
ECM Flash File	2279	✓
Engine Control Module (24 Volt)	2280	✓
Engine Control Module (12 Volt)	2281	✓

Wiring / Connections

Wiring / Connections	Code	Platinum
Chassis Interface Wiring Harness	2282	✓
Chassis Side Pin Connector	2283	✓
Engine Side Pin Connector	2284	✓
Diagnostic Connector	2285	✓

Miscellaneous

Miscellaneous	Code	Platinum
Software Upgrades (warranty attended issues only – upgrade at time of repair)	N/A	✓
Resetting of Electronic Fault Codes (warranty attended issues only – upgrade at time of repair)	N/A	✓
Broken Nuts and Bolts attaching a covered component (over-torquing is not covered)	N/A	✓
Travel (including one initial diagnosis visit)	N/A	✓
Labour	N/A	✓
Engine Removal and Re-installation 1	N/A	✓

Limitations and Exclusions

Limitations and Exclusions	Code	Platinum
Any accessories or proprietary equipment not fitted by Perkins	N/A	X
Any engine used without the prior written approval of Perkins for a purpose for which it was not designed	N/A	X
Any engine or part which in the opinion of Perkins has been altered, used, maintained, serviced or stored otherwise than in accordance with the Company's published recommendations	N/A	X
Any engine or part from which the Perkins number or markings have been removed or altered	N/A	X
All engines that are operating in environments where EMF (electric and magnetic fields) exist, are excluded from the scheme	N/A	X
The costs of normal maintenance or regular servicing of the engine	N/A	X
Expenses such as towing, carriage, subsistence, overtime premiums, owners own labour charges, hire of special equipment and / or replacement equipment, downtime and associated business losses	N/A	X
Consumable items as identified in the appropriate user handbook, except where replacement is necessary, consequent to the nature of the failure and at a time when the owner could not reasonably be expected to pay for these items	N/A	X
Gradual reduction in operating performance commensurate with the age, kilometers covered or operating hours, including but not limited to, gradual loss of engine compression or gradual increase in oil consumption due to normal operating functions and expected wear and tear through regular use are excluded	N/A	X
Any fault or failure where the cause is attributable to incorrect service intervals and / or substandard parts being used for servicing and / or repair. NOTE: All Genuine Perkins parts are covered with a full warranty and will support this warranty in full	N/A	X
Any failure to meet its obligations hereunder which are due to circumstances beyond its reasonable control including but not limited to industrial disputes, fire, severe weather conditions, governmental decisions, materials shortage, power or machinery breakdown or failure or war.	N/A	X

Engine Removal 1

The warranty extends to the costs of engine removal and reinstallation where appropriate and necessary subject to a maximum of 15 hours labour for industrial, generating sets and vehicle applications and a maximum of 18 hours for marine applications. For 100/400 series engines, the maximum time allowed for removal and refit is 10 hours.

* = See Limitations and exclusions