





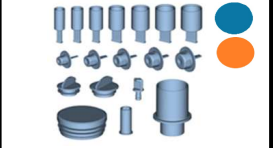



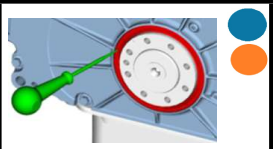


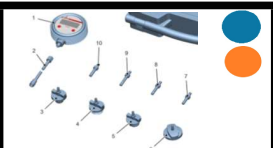


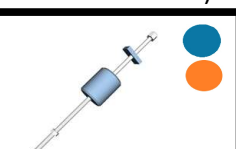
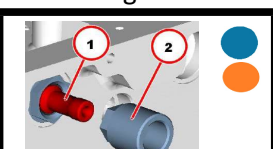
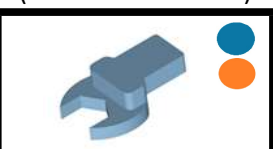

6.1L Tier 4 Final Special Tool List



● Blue denotes Competency Class Level II special tooling.

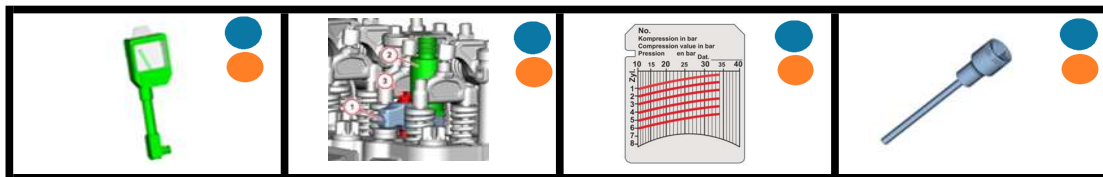


● Gold denotes Competency Class Level III only tools.

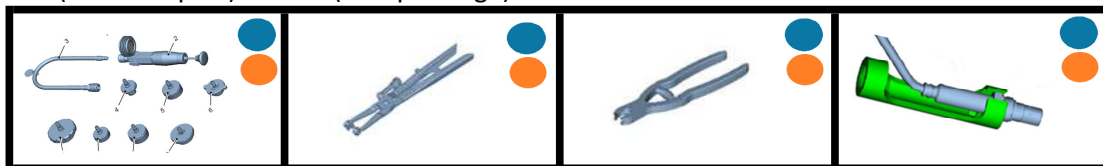
 <p>2992127 Disassembly Tool</p>	 <p>2992301 Separating Tool</p>	 <p>1899368 Locking Plugs / Caps</p>	 <p>2992477 Special Wrench (Fuel Line)</p>
 <p>1899092 Hexalobular Tool Kit</p>	 <p>2992117 Lever Tool (Injector Clamp)</p>	 <p>1899103 Pick</p>	 <p>1899110 Assembly Lever</p>
 <p>1899132 Socket 27MM (Fuel Pres. Sensor)</p>	 <p>1899400 Crankcase Pressure Testing Device</p>	 <p>1899108 Disassembly Tool (M8 Stud Remover)</p>	 <p>1899148 Assembly Tool (M8 Stud Installer)</p>
 <p>2992294 Slide Hammer</p>	 <p>2992118 Socket (Fuel Nozzel Union)</p>	 <p>1899099 13 mm Open End Adapter</p>	 <p>1899061 E20 Hex Deep Socket</p>



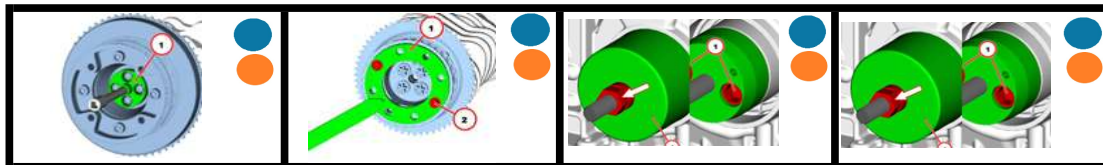
6.1L Tier 4 Final Special Tool List



1899034	2992018	1899193	1899096
Compression Gauge (With Adapter)	Connection Piece (Comp. Gauge)	Compression Chart Sheets	5mm Hex (Valve Clearance)



1899415	1899112	1899037	2992345
Cooling System Pressure Tester	Spring Band Pliers	Hose clip pliers (Cobra Clamps)	NOX Sensor Wrench



2992028	2992275	2992223	2992213
Turning Gear	Pulley Holder	Crank Seal Ring Ass (Flywheel End)	Crank Seal Ring Ass (Opposite Flywheel)



1899106	1899150	1899426	2992137
M12 Threaded Stud Removal Tool	M12 Threaded Stud Installation Tool	SCR Test Set (2.9L)	Sealing Disc Extraction Device



2992126	1899050	1899105	1899149
Assembly Sleeves & Guide Kit	Assembly Pliers	M10 Threaded Stud Removal Tool	M10 Threaded Stud Installation Tool


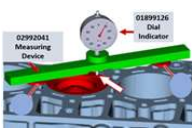
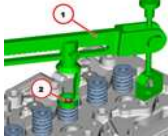
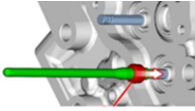


6.1L Tier 4 Final Special Tool List

2992350 Injector Sleeve Tool (15pc kit)	2992358 Injector Sleeve Cleaner (9pc Kit)	1899093 Torque Angle Disc	2992046 Guide Pins (Mass Bal. Shafts)
1899098 Alternator Shaft Spline Tool	1899136 ALT Pulley Socket Wrench 24MM	1899184 Torque Handle	1899185 Torque Handle Insert
2992324 Thermostat Removal Device	2992323 Thermostat Sealing Ring Assembly Tool	2992120 Injector Removal (Threaded Claw)	1899060 E14 Hex Deep (Cylinder Head)
2992349 Special Pliers (Tappet Remover)	1899054 Socket 22 mm	2992145 Valve Stem Seal Installer	2992165 Ring Groove Wear (101mm Pioston)
2992181 Piston Ring Comp. (101MM)	2992251 Camshaft Bearing Tool	2992155 Piston Ring Expander	2992170 Connecting Rod Assembly Tool



6.1L Tier 4 Final Special Tool List

			
1899126 Dial Indicator	2992041 Piston Protrusion Measuring Device	2992143 Valve Spring Compressor	1899187 Valve stem Seal Tool (Three Piece Set)