

**Special Instructions recommended by the Caterpillar for  
3208 INDUSTRIAL ENGINE 03Z**

*There may be a slight difference between this list and final list. We may remove instructions that are no longer valid or important to make your job easier.*

<b>Media Number</b>		<b>Special Instruction / General Instruction</b>
<a href="#">GMG00694-02</a>	3	Analyzing Cylinder Condition By Measuring Air Flow{0651, 1000}
<a href="#">REHS0063-00</a>	18	Calibrating The 133-8985 Governor And Fuel Injection Pump Group Heavy Sleeve Metering Fuel System (HSMFS){650, 1250}
<a href="#">REHS0121-05</a>	5	Air Compressor Installation Instructions{1803}
<a href="#">REHS0126-18</a>	160	Diagnostic Code Information for Caterpillar Electronic Control{1901, 1927, 1948, 3168, 4348, 4802, 4808, 4810, 5511, 5701, 7490, 7494, 7601, 7602, 7610, 7610, 7610}
<a href="#">REHS0280-01</a>	10	Installation and Removal Of The Mechanically Attached Wear Plate System
<a href="#">REHS0439-01</a>	13	Caterpillar Prelub Diagnostics{1469}
<a href="#">REHS0956-01</a>	6	Installation Instructions for Remanufactured Turbochargers{1052}
<a href="#">REHS0956-02</a>	6	Installation Instructions for Remanufactured Turbochargers{1052}
<a href="#">REHS0970-03</a>	86	<b>Cross-Reference for Electrical Connectors</b> {7553}. This is Very useful Special Instruction for repair and order provides a listing of Electrical Connectors and the corresponding Caterpillar part numbers. The electrical connectors that are listed in this Special Instruction are grouped by the type of connector and the number of pins that are used in each connector. All engines.
<a href="#">REHS1037-04</a>	10	Installation Instructions for the Electric Fuel Priming Pump on Caterpillar Equipment With the 24 Volt System{1258}
<a href="#">REHS1129-01</a>	9	Starting Motor Solenoid - Replace{1467}
<a href="#">REHS1391-01</a>	2	Installation of Double Lip Wiper Seal{7562}
<a href="#">REHS1392-00</a>	2	Installation of Vented Buffer Seal Assembly, U-Cup Seal, and Double Lip Wiper Seal for Hydraulic Cylinders{7562}
<a href="#">REHS1413-06</a>	78	Installation and Operation of the Caterpillar Messenger Driver Information Display{7490}
<a href="#">REHS1428-00</a>	6	Troubleshooting Compressed Air System Components and Performance{1803, 5500}
<a href="#">REHS1428-01</a>	8	Troubleshooting Compressed Air System Components and Performance{1803, 5500}
<a href="#">REHS1578-01</a>	7	Installation Instructions for the 9W-1494 Service Meter Kit {7478}
<a href="#">REHS1662-00</a>	2	Installation of Double Lip Wiper Seal{7562}
<a href="#">REHS1718-01</a>	4	Circuit Breaker Harness Assembly{1420}
<a href="#">REHS1754-00</a>	3	Troubleshooting Marine Engine Cooling Systems{1350}
<a href="#">REHS1758-01</a>	11	Test Procedure for a Brazed and Rubber End Sheet Oil Coolers{1378}
<a href="#">REHS2073-01</a>	10	Installation Instructions for the 9W-1490, 9W-1491, 9W-1494, 9W-1495 Service Meter Kits {7478}
<a href="#">REHS3827-00</a>	2	Procedure to Handle and Ship Diesel Particulate Filters (DPF) and Catalytic Converter Mufflers(CCM) (1091,1091)
<a href="#">SEHS6948-00</a>	54	Troubleshooting And Repair Of The 5P2160 Engine Horsepower Meter Arrangement*{0781, 0782}
<a href="#">SEHS7050-00</a>	45	Using The 5P2160 Engine Horsepower Meter Arrangement*{0781, 0782}
<a href="#">SEHS7087-00</a>	13	Troubleshooting And Repair Of The 1P3500 And 2P8280 Injection Timing Groups{0782}
<a href="#">SEHS7292-10</a>	43	Using The 5P-4150 Nozzle Testing Group{0782}

<a href="#">SEHS7341-00</a>	40	Using The 4S6553 Engine Evaluation Test Group{0781}
<a href="#">SEHS7491-00</a>	10	Installation Of 6V124 Drive Coupling Modification Kit{0650, 0706, 1250}
<a href="#">SEHS7633-07</a>	23	Battery Maintenance Procedure{1401} (All Caterpillar machinery and engines).
<a href="#">SEHS7742-03</a>	35	Service Information And Use of 6V3100 Engine Timing Indicator Group{0782}
<a href="#">SEHS7769-00</a>	3	6V2150 Starting And Charging Analyzer Operating InstructionsFor More Information See Special Instruction SEHS7768{1406, 7569}
<a href="#">SEHS7931-02</a>	22	Using The 6V4060 Engine Set Point Indicator Group{0781}
<a href="#">SEHS8029-01</a>	10	Using The 6V4950 Injection Line Speed Pickup Group{0782}
<a href="#">SEHS8094-01</a>	9	Use of 6V7020 Nozzle Puller Group{0621}
<a href="#">SEHS8135-00</a>	17	Electronic Repair Of 6V3100 Diesel Engine Timing Indicator{0651, 1250}
<a href="#">SEHS8187-01</a>	10	Using The 6V7840 Deck Checking Tool{0653, 1201}
<a href="#">SEHS8241-00</a>	2	Instructions For 3208 Engine Oil Filter Base Installation{1306}
<a href="#">SEHS8280-04</a>	2	Use Of Preventive Maintenance Kits{7501}
<a href="#">SEHS8346-01</a>	19	Use And Repair Of The 6V7925 Fuel Rate Indicator{0782}
<a href="#">SEHS8358-00</a>	4	Installation Of 4W6143 Sleeve{1201}
<a href="#">SEHS8436-00</a>	50	Using 8S2305, 9S228, And 6V9128 Rack Position Tool Groups{0782, 1250}
<a href="#">SEHS8499-01</a>	1	A Series Governor And Air/Fuel Ratio Control Response And Low Power Test{0374}
<a href="#">SEHS8533-01</a>	9	Installation of 3208 Remanufactured Engine (Natural Aspiration) for Industrial, Vehicular or Lift Truck Applications{1000}
<a href="#">SEHS8545-02</a>	20	Use And Maintenance Of 8T0910 Fuel Sulfur Analyzer Group{0786, 1280}
<a href="#">SEHS8579-01</a>	12	Use of 8T5200 Signal Generator/Counter Group{0778, 0783, 0785}
<a href="#">SEHS8586-01</a>	9	Converting 3208TA Pleasure Craft Marine Engines From 355BHP To 375BHP{1050, 1251, 1350, 1379}
<a href="#">SEHS8612-01</a>	3	Installation of Head Gasket (With New Torque Procedure){1100}
<a href="#">SEHS8623-01</a>	21	Using The 8T1000 Position Indicator Group{0760, 0762}
<a href="#">SEHS8655-00</a>	1	Installation of Dipstick Guide - 0R0724 and 0R0725 Remanufactured Short Blocks for 3204 Engines{1201, 1300, 7450}
<a href="#">SEHS8657-01</a>	10	Use of the 4C6534 Speed Switch Calibration Harness{0781, 0785}
<a href="#">SEHS8662-01</a>	1	Adaptability of 7C1599 Cylinder Head Gasket{1100}
<a href="#">SEHS8696-00</a>	1	Piston Cleaning Procedure{1214}
<a href="#">SEHS8722-01</a>	6	Installation Of Remanufactured Cylinder Head Groups{1101}
<a href="#">SEHS8791-00</a>	2	Installation of 7C9760 (12V) or 8N3569 (24V) Fuel Boost Pump Group{1250, 1256, 1260}
<a href="#">SEHS8854-00</a>	3	Using the 1U6602 Photo-Tach Group{0775}
<a href="#">SEHS8869-03</a>	9	Cylinder Block Salvage Procedure Using Belzona Ceramic R Metal
<a href="#">SEHS8907-00</a>	10	Using the 1U5470 Engine Pressure Group{0781}
<a href="#">SEHS8914-00</a>	3	Pressure Lubrication Procedure for Remanufactured Engines and Short Blocks{1000, 1200, 1020}
<a href="#">SEHS9037-00</a>	14	Use of the 4C3502 Engine Repair Indicator Kit{0781, 1000}

<a href="#">SEHS9083-08</a>	11	Test Sequence For Caterpillar 7000 Series Fuel Nozzles{1254}
<a href="#">SEHS9130-01</a>	11	Installation of 4P0705 Exhaust Restrictor Retrofit Kit{1050}
<a href="#">SEHS9164-01</a>	7	Installation of Electric Starting Motors{1453}
<a href="#">SEHS9224-00</a>	4	Measuring Diesel Fuel API Gravity{1280}
<a href="#">SEHS9226-00</a>	6	Installation of Fuel Injection Pump and Governor Service Group{1286}
<a href="#">SEHS9363-00</a>	11	Using the 4C6821 Injection Line Speed Pickup Group{0781}
<a href="#">SEHS9490-00</a>	7	Upgrading Alternators To Include An Integrated Circuit Regulator{1405, 1410}
<a href="#">SEHS9597-05</a>	4	Instructions for the Service Replacement of the Remanufactured Turbocharger{1052}
<a href="#">SEHS9597-09</a>	4	Instructions for the Service Replacement of the Turbochargers{1052}
<a href="#">SEHS9601-01</a>	10	Installation of 7E-6310, 9X-3294, 6N-9125, 7E-5244 and 3T-8724 Jacket Water Heater Groups{1383}
<a href="#">SEHS9614-00</a>	3	Retrofit Installation of Coolant Loss Sensor{1353, 1395, 7422, 7470}
<a href="#">SEHS9969-01</a>	4	Installation Instructions for Jacket Water Heaters with Seal Kits{1383}
<a href="#">SMHS6735-02</a>	2	Installation Of 5P4810 Bearing In Sleeve Metering Fuel Injection Pump Housing{1253}
<a href="#">SMHS6780-02</a>	2	2W727 Turbocharger Cartridge Repair Kit{1053}
<a href="#">SMHS6959-01</a>	10	Installing Crankshaft Seals And Wear Sleeves Using The Former 9S8868, 9S8873, 9S8881 And 9S8888 Tools Groups{1160, 1161, 0704}
<a href="#">SMHS6988-02</a>	21	Use Of 3P2200 Calibration Tool Group{0650, 1250}
<a href="#">SMHS7001-01</a>	6	Assembly Of Fan Drive Pulley Assemblies{1359}
<a href="#">SMHS7083-03</a>	9	Using The 5P6524 Engine Timing Indicator Group And 1P540 Flow Checking Tool Group{0782, 1000}
<a href="#">SMHS7090-00</a>	5	Water Pump Reconditioning Using The 9N3139 Rebuild Kit And 5P7361 Tool Group{1361}
<a href="#">SMHS7100-02</a>	16	Installation Of Crankshaft Seals And Wear Sleeves{1160, 1161}
<a href="#">SMHS7179-01</a>	7	Operation And Maintenance Of 1P3060 Pyrometer Group{0776}
<a href="#">SMHS7267-01</a>	4	Use Of 5P8709 Tool Group For Alignment Of Piston Cooling Jets{1331}
<a href="#">SMHS7343-00</a>	3	Installation Of 8N628 Service Replacement Bearing For Rear Of Injection Pump Camshaft In Sleeve Metering Fuel Injection Pump Housing{1253}
<a href="#">SMHS7366-00</a>	7	Using The 5P2050 Connecting Rod Checking Fixture{0767, 1218} Media Number
<a href="#">SMHS7376-02</a>	8	Installation Of 2W0172 Water Pump Seal Assembly With 5P9722 Driver{1361}
<a href="#">SMHS7383-00</a>	1	Installation Of Governor Spring Guide{1264}
<a href="#">SMHS7468-00</a>	2	Installation Of 8N3569 (24V) Or 9N5458 (12V) Fuel Boost Pump Group{1250}
<a href="#">SMHS7471-03</a>	3	Installation Of 7W1762, 9N5233 And 9N3586 Oil Cooler Core Assemblies{1378}
<a href="#">SMHS7526-00</a>	8	Use Of The 1P7451 Valve Guide Honing Group{0673, 1104}
<a href="#">SMHS7604-00</a>	1	Installation Of Crankshaft Seals And Wear Sleeves{1203}
<a href="#">SMHS7606-00</a>	11	Use Of 1P4000 Line Boring Tool Group{0672, 1201, 1203}

<a href="#">SMHS7638-02</a>	6	Installation of 9n6275 cylinder sleeve{1222}
<a href="#">SMHS7677-01</a>	15	Use Of 6V3025 Battery Cable Repair Kit{0613, 1400}
<a href="#">SMHS7697-00</a>	3	Installing Heli-Coil Inserts In Caterpillar Cylinder Heads{1117}
<a href="#">SMHS7701-01</a>	2	Pressure Lubrication Procedure For Remanufactured Engines And Short Blocks{1000, 1201}
<a href="#">SMHS7760-01</a>	8	Use Of FT1525 Alignment Pin, FT1526 Salvage Fixture And FT1698 Bearing Installation Tool For Reconditioning Of 3208 Governor Housings{1265, 1264}
<a href="#">SMHS7835-01</a>	6	Use Of 6V4141 Sleeve Metering Calibration Tool Group{0778, 0782}
<a href="#">SMHS7897-00</a>	5	Use Of 6V4068 Tool Group For Installation Of 9N5822 Thrust Washer{1253}
<a href="#">SMHS7935-00</a>	7	Use Of 6V4805 Valve Seat Insert Puller Group{0703}
<a href="#">SMHS8254-00</a>	5	Using The 6V7899 Size Setting Fixture Group{651}
<a href="#">SMHS8276-00</a>	3	Repair Of Precombustion Chamber And Direct Injection Adapter Seating Surfaces{1101}
<a href="#">SMHS8286-00</a>	5	Installation Of Replacement Cylinder Head Groups (Non-Turbocharged){1101}
<a href="#">SMHS8297-00</a>	3	Use Of 6V9050 Exhaust Stud Removal Group{1100}
<a href="#">SMHS8332-02</a>	5	Installation Of Replacement Cylinder Head Assemblies{1101}
<a href="#">SMHS8363-00</a>	2	Installation Of 9G8187 Cold Start Relay{1289}
<a href="#">SMHS8418-00</a>	7	Cylinder Block Cleaning Procedure{1201}
<a href="#">SMHS8457-00</a>	24	Testing Flat-Seat Fuel Injection Valves Using The 5P4150 Nozzle Testing Group{0782, 1254}
<a href="#">SMHS8458-02</a>	1	Crankshaft Seal And Wear Sleeve Installation{1160, 1161}
<a href="#">SMHS8508-00</a>	16	Special Handling Information And Installation Instructions For Crankshaft Seal Groups That Have Hydrodynamic Grooves In The Sealing Lip{1160, 1161}
<a href="#">SMHS8532-00</a>	1	Installation Of Seal Groups With Hydrodynamic Grooves In The Seal Lip{1160, 1161}
<a href="#">SMHS8540-00</a>	5	Installation Of Replacement Cylinder Head Groups (Turbocharged){1101}
<a href="#">SMHS8541-00</a>	6	Installation Of Short Block Group And Cylinder Block Service Group For 1100, 3100 And 3208 Naturally Aspirated Engines Or 3208 Turbocharged Engines{1200, 1201}
<a href="#">SMHS8561-00</a>	2	Battery Ratings And Cross Reference Chart{1401}
<a href="#">SMHS8596-00</a>	1	7000 Series Nozzles{0782}