

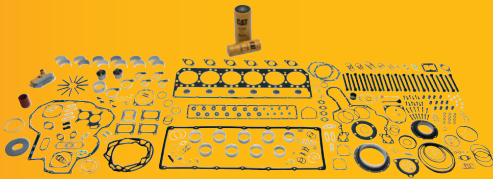
3176 REBUILD KIT ORDER MATRIX

FIND YOUR REBUILD KIT

- Step 1
- Select your Machine Model
- Step 2
- Select the Machine Serial Number Prefix
- Step 3
- Select the Engine Arrangement Number
- Step 4
- Determine which level kit you need, i.e., Bronze, Silver, Gold, Platinum
- Step 5
- Determine if additional parts are needed for your Engine Rebuild
- Step 6
- Refer to the Related Parts Order Matrix for additional parts needed
- Step 7
- Order the corresponding parts from your local Cat authorized dealer

Machine Sales Model	Machine Serial Number Prefix	Engine Model	Engine Arrangement(s)	Bronze	Silver	Gold	Platinum
14H; 140H; 143H; 160H; 163H	ASE	3176	1611747; 2858268	4162492	4179506	20R1433	20R1457
	126; APM; CCA	3176	1605101				
	APM; CCA	3176	2856403				
	APN	3176	1611750				
	ASD; CCP	3176	1611751; 2856406				
	ARL	3176	1611752				
345B	AGS; AKX; ALB; ANJ; APB; CDY; DCW	3176	1730355	4158666	4151881	20R1431	20R1464
	CCC; DET; FEE	3176	1946646				
	AKJ; AKX; ALD	3176	1635640				
	2NW; 4SS; 9GS	3176	1260054		4169083	20R1425	20R1449
	2SW; 7KS; BFG	3176	1382001				
	2ZW; 3MW; 5WS; 6XS	3176	1422005				
	6XS; 8KW	3176	1482005				
572R II	DSC	3176	1608560; 2486391; 2881189	4158676	4179509	20R1444	20R1460
814F; 815F; 816F	BGF; BKL; BMR	3176	1841158; 2855777	4158649	N/A	N/A	N/A
966G II	AWZ; AXL	3176	2231553	4158631	4179508	20R1440	20R1461
	ANT; ANZ	3176	2231556				
	AWY; AXJ	3176	1803191; 2200794; 2231553				
D7R	ACS; ADW; AFG	3176	1608557; 1656698; 2486390	4158676	4179509	20R1444	20R1460
	ABJ; AEC; AGN	3176	1608560; 1656699; 2486391; 2486395				
	ABJ; ACS; ADW; AEC; AFG; AGN	3176	1956514; 2486393; 2486397				
	BNM; BPK; BRP	3176	2191422				
	BNX; BPT; BRM	3176	2191421				
D7R II	KNA	3176	3476911	4158676	4179509	20R1444	20R1460
	BPT	3176	2566771				
	BNX; BRM	3176	2566771; 3637873				
	ABJ; AEC; AGN	3176	2780772; 3181380; 3637873				
	BNM; BRP	3176	2566772				

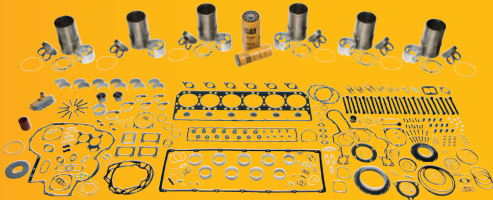
CatRebuildKits.com



BRONZE LEVEL KIT

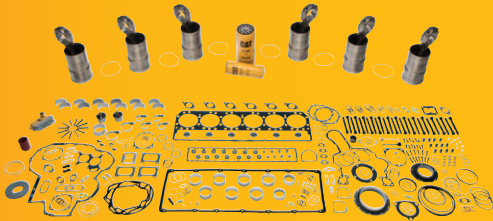
Basic rebuild kit includes necessary parts for low-cost repair, plus value add components that will help extend engine life.

- Gaskets & seals
- Oil & fuel filter
- Camshaft bearings
- Turbo locknuts & bolts
- Coolant temperature regulator
- Thermostat, studs and locknuts



SILVER LEVEL KIT

Bronze Kit plus 6 new unassembled pistons, liners, rings, and retainers.



GOLD LEVEL KIT

Bronze Kit plus 6 Cat® Reman cylinder pack assemblies which saves 4 – 6 hours of rebuild time.



PLATINUM LEVEL KIT

Bronze Kit, plus 6 Cat Reman cylinder packs, 6 Cat Reman fuel injectors and a Cat Reman cylinder head, water pump and oil pump—the most complete rebuild option.

PRECIOUS METALS ENGINE REBUILD KITS

3176 ORDER MATRIX & RELATED PARTS MATRIX

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3176 RELATED PARTS MATRIX

Machine Sales Model	Machine Serial Number Prefix	Engine Arrangement(s)	Cylinder Pack ¹	Cylinder Head Group ²		Fuel Injector ³		Turbo		Turbo Cartridge		Starter ⁴		Alternator ⁵		Oil Cooler Core		Fuel Transfer Pump		Rod Bearing ⁶		Main Bearings ⁷ & Thrust Plates ⁷		
			Reman	New	Reman	New	Reman	New	Reman	New	Reman	New	Reman	New	Reman	Specs	New	Reman	New	Reman	New	Size	New	Size / Description
14H; 140H; 143H; 160H; 163H	ASE	1611747; 2858268	0R8778	1482149	0R7440	3175278	20R0055	1741644	0R9956	1679671	N/A	2071556	10R0400	2002232	0R9940	24-Volt, 75-Ampere	1154517	0R8191	3887285	N/A	1280390 1280391	0.51mm Undersize 0.76mm Undersize	2436717 - or - (2) Required 2463144 - plus -	Standard Bearing Kit - Includes Thrust Plates Thrust Plates
	126; APM; CCA	1605101	0R8778	1482149	0R7440	3175278	20R0055	1741644	0R9956	1679671	N/A	1654619	0R7757	2002232	0R9940		1154517	0R8191	3887285	N/A				
	APM; CCA	2856403	0R8778	1482149	0R7440	3175278	20R0055	1741644	0R9956	1679671	N/A	1654619	0R7757	2002232	0R9940		1154517	0R8191	3887285	N/A				
	APN	1611750	0R8778	1482149	0R7440	3175278	20R0055	1741644	0R9956	1679671	N/A	1654619	0R7757	2002232	0R9940		1154517	0R8191	3887285	N/A				
	ASD; CCP	1611751; 2856406	0R8778	1482149	0R7440	3175278	20R0055	1741644	0R9956	1679671	N/A	1654619	0R7757	2002232	0R9940		1154517	0R8191	3887285	N/A				
	ARL	1611752	0R8778	1482149	0R7440	3175278	20R0055	1741644	0R9956	1679671	N/A	1654619	0R7757	2002232	0R9940		1154517	0R8191	3887285	N/A				
345B	AGS; AKX; ALB; ANJ; APB; CDY; DCW	1730355	0R8778	1482149	0R7440	3507555	20R0056	1962776	0R7911	1962482	10R0415	2071556	10R0400	1779953	10R9790	24-Volt, 80-Ampere	1154517	0R8191	3887285	N/A	1280390 1280391	0.51mm Undersize 0.76mm Undersize	Main Bearings - (3) Required: 2110588 1280382 1280383 1280384 1280385 - plus - Main Bearings - (4) Required:	Standard Bearing 0.51mm Undersize 0.76mm Undersize 0.51mm Oversize 0.51mm_Undersize / 0.51mm Oversize
	CCC; DET; FEE	1946646	0R8778	1482149	0R7440	3507555	20R0056	1962776	0R7911	1962482	10R0415	2071556	10R0400	1779953	10R9790		1154517	0R8191	3887285	N/A				
	AKJ; AKX; ALD	1635640	0R8778	1482149	0R7440	3507555	20R0056	1962776	0R7911	1962482	10R0415	3383454	10R9815	1779953	10R9790		1154517	0R8191	3887285	N/A				
	2NW; 4SS; 9GS	1260054	0R8187	1482149	0R7440	2123462	10R0967	1962775	0R7910	1962482	10R0415	2071556	10R0400	1779953	10R9790		1154517	0R8191	3887285	N/A				
	2SW; 7KS; BFG	1382001	0R8187	1482149	0R7440	2123462	10R0967	1962775	0R7910	1962482	10R0415	2071556	10R0400	1779953	10R9790		1154517	0R8191	3887285	N/A				
	2ZW; 3MW; 5WS; 6XS	1422005	0R8187	1482149	0R7440	2123462	10R0967	1962775	0R7910	1962482	10R0415	2071556	10R0400	1779953	10R9790		1154517	0R8191	3887285	N/A				
	6XS; 8KW	1482005	0R8187	1482149	0R7440	2123462	10R0967	1962775	0R7910	1962482	10R0415	2071556	10R0400	1779953	10R9790		1154517	0R8191	3887285	N/A				
572R II	DSC	1608560; 2486391; 2881189	0R8778	1482149	0R7440	3175278	20R0055	1679666	0R7308	1679671	N/A	3383454	10R9815	3E7577	0R3615	24-Volt, 75-Ampere	1154517	0R8191	3848611	10R9818	1280390 1280391	0.51mm Undersize 0.76mm Undersize	2110587 1280400 1280401 1280402 1280403	Standard Bearing 0.51mm Undersize 0.76mm Undersize 0.51mm Oversize 0.51mm_Undersize / 0.51mm Oversize
814F; 815F; 816F	BGF; BKL; BMR	1841158; 2855777	0R8778	1482149	0R7440	3175278	20R0055	1855732	0R9959	1679671	N/A	1654619	0R7757	1855294	10R9788	24-Volt, 65-Ampere	1154517	0R8191	3887285	N/A	1280390 1280391	0.51mm Undersize 0.76mm Undersize		
966G II	AWZ; AXL	2231553	0R8778	1482149	0R7440	3175278	20R0055	2669796	10R3569	1906222	0R7581	1654619	0R7757	1855294	10R9788	24-Volt, 65-Ampere	1154517	0R8191	3887285	N/A	1280390 1280391	0.51mm Undersize 0.76mm Undersize	2436717 - or - (2) Required 2463144 - plus -	Standard Bearing Kit - Includes Thrust Plates
	ANT; ANZ	2231556	0R8778	1482149	0R7440	3175278	20R0055	2669796	10R3569	1906222	0R7581	1654619	0R7757	1855294	10R9788		1154517	0R8191	3887285	N/A				
	AWY; AXJ	1803191; 2200794; 2231553	0R8778	1482149	0R7440	3175278	20R0055	2669796	10R3569	1906222	0R7581	1654619	0R7757	1855294	10R9788		1154517	0R8191	3887285	N/A				
D7R	ACS; ADW; AFG	1608557; 1656698; 2486390	0R8778	1482149	0R7440	3175278	20R0055	1679666	0R7308	1679671	N/A	3383454	10R9815	3E7577	0R3615	24-Volt, 75-Ampere	1154517	0R8191	3848611	N/A	1280390 1280391	0.51mm Undersize 0.76mm Undersize	Main Bearings - (3) Required: 2110588 1280382 1280383 1280384 1280385 - plus -	Standard Bearing 0.51mm Undersize 0.76mm Undersize 0.51mm Oversize 0.51mm_Undersize / 0.51mm Oversize
	ABJ; AEC; AGN	1608560; 1656699; 2486391; 2486395	0R8778	1482149	0R7440	3175278	20R0055	1679666	0R7308	1679671	N/A	3383454	10R9815	3E7577	0R3615		1154517	0R8191	3848611	N/A				
	ABJ; ACS; ADW; AEC; AFG; AGN	1956514; 2486393; 2486397	0R8778	1482149	0R7440	3175278	20R0055	1954441	N/A	1954442	N/A	3383454	10R9815	3E7577	0R3615		1154517	0R8191	3848611	N/A				
	BNM; BPK; BRP	2191422	0R8778	1482149	0R7440	3175278	20R0055	1679666	0R7308	1679671	N/A	3383454	10R9815	1855294	10R9788	24-Volt, 65-Ampere	1154517	0R8191	3848611	N/A				
	BNX; BPT; BRM;	2191421	0R8778	1482149	0R7440	3175278	20R0055	1679666	0R7308	1679671	N/A	3383454	10R9815	1855294	10R9788		1154517	0R8191	3848611	N/A				
D7R II	KNA	3476911	0R8778	1482149	0R7440	3175278	20R0055	1679666	0R7308	1679671	N/A	3383454	10R9815	1978820	10R9789	24-Volt, 95-Ampere	1154517	0R8191	3848611	N/A	1280390 1280391	0.51mm Undersize 0.76mm Undersize	Main Bearings - (4) Required:	Standard Bearing 0.51mm Undersize 0.76mm Undersize 0.51mm Oversize 0.51mm_Undersize / 0.51mm Oversize
	BPT	2566771	0R8778	1482149	0R7440	3175278	20R0055	1679666	0R7308	1679671	N/A	3383454	10R9815	1855294	10R9788	24-Volt, 65-Ampere	1154517	0R8191	3848611	N/A				
	BNX; BRM	2566771; 3637873	0R8778	1482149	0R7440	3175278	20R0055	1679666	0R7308	1679671	N/A	3383454	10R9815	1855294	10R9788		1154517	0R8191	3848611	N/A				
	ABJ; AEC; AGN	2780772; 3181380; 3637873	0R8778	1482149	0R7440	3175278	20R0055	1679666	0R7308	1679671	N/A	3383454	10R9815	1855294	10R9788		1154517	0R8191	3848611	N/A				
	BNM; BRP	2566772	0R8778	1482149	0R7440	3175278	20R0055	1679666	0R7308	1679671	N/A	3383454	10R9815	1855294	10R9788		1154517	0R8191	3848611	N/A				

Notes	¹ A complete set of (6) Reman Cylinder Packs is included in both the Gold Kit and the Platinum Kit.	³ Injector part numbers shown here include a quantity of (1) Injector. A complete set of (6) Reman Injectors is included in the Platinum Kit.	⁵ Alternator part numbers shown here are for reference only. Failure to properly match alternator to machine specifications can result in damage to the electrical system.	⁷ Main Bearings and Thrust Plates are not included in Repair Kits and must be ordered separately, depending on engine condition.
	² Cylinder Head Groups include valves and springs. Reman Cylinder Head Group is included in the Platinum Kit.	⁴ Starters are 24 volts.	⁶ A complete set of (6) Standard Rod Bearing, part number 2170577, is included in the Bronze, Silver, Gold and Platinum kits.	