



INFORMATION RELEASE MEMO

Reman

ENGINE OVERHAUL KITS FOR C15 ACERT™, 3406E, C-15, AND C-16 ON-HIGHWAY ENGINES (HEAD BOLTS ADDED TO CURRENT PLATINUM KITS)

With the overwhelming acceptance of the Precious Metals engine overhaul kit program, Caterpillar is pleased to announce the inclusion of head bolts to support C15 ACERT™ engine overhauls. The addition of head bolts to Platinum Kits is to support market demand and to supply all parts needed to rebuild an engine to qualify for OPT (Overhaul Protection for Trucks) coverage.

The first set of kits with head bolts will be the C15 ACERT kits. The current part numbers are set up as CRB's (Cancel and Replace By) and will be used to fill orders until the inventory is exhausted. Because of the CRB, there may be a short period of time when either part number could be received.

Efforts are currently underway to add head bolts to C-15, C-16 and 3406E platinum kits. These should be available later this year.

Caterpillar is also evaluating creating stand-alone cylinder head bolt kits in the future for use with Silver or Gold overhaul kits, or other repair events for these engine models as appropriate.

Head bolts for C-12 and C13 ACERT engines are included in the Bronze kits today. Caterpillar does not recommend reusing bolts on these engines as they are torque-to-yield and only expected for one-time use.

All kit consist information and model effectivity can be viewed in SISWEB (See "Where to Identify Available Kits" below). The following chart is available in this IRM to provide detailed information on the kits:

Kit Coverage Chart

Sales Model	Engine S/N	Horsepower Range	Bronze	Silver	Gold	Current Platinum	Platinum
C15 ACERT	BXS00001-Up	435-550 hp	357-4645	356-1428 ^	10R-9923 ^	10R-9925 ^	20R-7411 ^
	MXS00001-Up	435-550 hp			20R-0744 ^^	20R-0745 ^^	20R-7413 ^^
	NXS00001-Up	435-550 hp		356-1448 ^	10R-9924 ^	10R-9926 ^	20R-7412 ^
	MXS00001-Up	600-625 hp					
	NXS00001-Up	600-625 hp	442-7439	442-8972	20R-3076	20R-3077	20R-7414
	SDP00001-UP	435 hp					
		475 hp					
500 hp							
SDP00001-UP	600 hp	442-7439	N/A	N/A	N/A	N/A	

* Difference in pistons; Confirm piston part number compatibility with dealer when ordering the Silver, Gold, or Platinum Kits

^ Kit ships with cylinder packs for normal load applications. High load applications (GVWR greater than 140,000 lbs.) should utilize high load kit or replace top ring with 247-6130 or order corresponding High Load Application kits as listed in Appendix B. Refer to SEBD6832.

^^ High load application kit (GVWR greater than 140,000 lbs.)

Kit Identification

- Step 1: Select your engine model.
- Step 2: Select the engine serial number prefix and range of your engine.
- Step 3: Determine horsepower range.
- Step 4: Determine which level kit you need, i.e. Bronze, Silver, Gold, Platinum.
- Step 5: Validate that the engine arrangement is covered.
- Step 6: Order the corresponding part number from your local Cat authorized dealer.

NOTE: Reference Special Instruction REHS3832; **“Procedure to Update the Open Crankcase Ventilation System”**. This note only applies to the following engines:

- C15(S/N:SDP1-UP)

There are 4 levels of kits: Bronze, Silver, Gold and Platinum.

- Bronze - primarily a non-warranty repair option that includes a head gasket kit and all parts necessary for a lower-end overhaul. It forms the base consist for the Silver, Gold, and Platinum kits. (Note: The Bronze kits are intended to be as comprehensive a gasket kit as possible. In some cases, certain pieces are not

included where they are used on only a small subset of engine arrangements or where there is a large variation of part numbers used across the various engine arrangements the kit will cover. Always review the kit consist against the specific engine arrangement to confirm if there are other items required. Examples include pre-cooler hoses, variable valve actuator studs, and additional parts needed for engines with brake savers)

- Silver - basic in-frame overhaul kit utilizing new parts targeted towards the customer who performs the work themselves or the independent shop. Includes Bronze kit, plus 6 pistons, rings, wrist pins and retainers.
- Gold – basic in-frame overhaul kit similar to Silver but utilizes Bronze kit plus Cat[®] Reman Cylinder Packs which include the connecting rods. Cylinder Packs offer advantage of less labor to complete the repair.
- Platinum – complete overhaul kit which includes Bronze kit plus Reman Cylinder Packs, Reman cylinder head, Reman fuel injectors, Reman water pump, and Reman oil pump.

The Kit Coverage Chart includes a table showing the effectivity of the kits to engine arrangements. If your engine arrangement is not in the list of verified arrangements, one of the rebuild kits still could apply but will require you to validate the kit consist for your specific engine arrangement parts requirements. If assistance is needed to verify if a specific kit will work, you can contact the following call center:

Reman Technical Help Line 1-888-88-Reman (1-888-887-3626)


Where to Identify Available Kits

These rebuild kits are being published in the parts manuals within SISWEB to allow users to easily identify the specific consist of each kit. To find the kits available for a specific engine, there are a couple of options - [Engine Rebuild Kits / Related Parts Selector Tool](#) and [SISWEB](#).

There are two ways to get to the [Engine Rebuild Kits / Related Parts Selector Tool](#). One way is through our Dealer.cat.com website and the other is through SIS WEB. Both URL's are below.

- Dealer.Cat.Com Website

- <http://dealer.cat.com/rebuildkits>
- SIS WEB “Under Additional Service Information”
 - <https://sis.cat.com> URL
 - <https://sis.cat.com/sisweb> URL

Once in the [Engine Rebuild Kits / Related Parts Selector Tool](#), click on the  in the bottom-right corner for directions on using the Tool.

To find the kits available for a specific engine using [SISWEB](#), complete the following steps:

Step 1: In SISWEB, type in the Serial Number Prefix of the engine and select the Product Structure Access method from the Right side menu screen.

- > [ENGINE ARRANGEMENT](#)
- > [AIR INLET AND EXHAUST SYSTEM](#)
- > [BASIC ENGINE](#)
- > [COOLING SYSTEM](#)
- > [ELECTRICAL AND STARTING SYSTEM](#)
- > [FUEL SYSTEM](#)

Step 2: Click on the “Service Equipment and Supplies”

Step 3: Select the “Kit-Rebuild” option



Step 4: Under “Parts Identification”, select the “Parts GP-Engine Overhaul” option that contains the Bronze, Silver, Gold, and Platinum options from which you can select your preferred option or drill down further within the kits to verify consist.

Information Types	Results - Auto Filter
Engine News Parts Identification Reuse And Salvage Guidelines Service Magazine Special Instruction Technical Information Bulletin Truck Engine News	<p>360-7717 - PARTS GP-ENGINE OVERHAUL 360-7717 PARTS GP-ENGINE OVERHAUL S/N MXS300-99999; NXS100-UP CONTAINS BRONZE, SILVER, GOLD, AND PLATINUM OVERHAUL KITS, FOR HIGH LOAD APPLICATION OVER 140,000 POUNDS WILL REQUIRE TOP PISTON RING 237-0194 TO BE REPLACED WITH 247-6130, PER ENGINE NEWS ARTICLE SEBD6798-00 FOR USE WITH C15 ENGINE ARRANGEMENTS, 600-625HP, MXS1-UP, NXS1-UP FIELD INSTALLATION 01/05/2017</p> <p>360-7718 - PARTS GP-ENGINE OVERHAUL 360-7718 PARTS GP-ENGINE OVERHAUL CONTAINS BRONZE, SILVER, GOLD, PLATINUM OVERHAUL KITS, FOR HIGH LOAD APPLICATION OVER 140,000 POUNDS WILL REQUIRE TOP PISTON RING 237-0194 TO BE REPLACED WITH 247-6130, PER ENGINE NEWS ARTICLE SEBD6798-00 FOR USE WITH C15 ENGINE ARRANGEMENTS, MXS1-99999, 435-550HP, NXS1-UP, 435-550HP, BXS1-UP, 435-550HP FIELD INSTALLATION 01/05/2017</p>

ENTIRE GROUP				
Ref. Qty.	NPR Note	Part No.	Part Name	
Grp <input type="text"/>	<u>NPR</u>	<i>360-7717</i>	PARTS GP-ENGINE OVERHAUL	
INDIVIDUAL PARTS				
Ref. Qty.	NPR Note	Part No.	Req. Qty.	Part Name
<input type="text"/>	<u>NPR Y</u>	<u><i>356-1448</i></u>	1	PARTS GP-ENGINE OVERHAUL (SILVER)
<input type="text"/>	<u>NPR Y</u>	<u><i>357-4645</i></u>	1	PARTS GP-ENGINE OVERHAUL (BRONZE)
<input type="text"/>	<u>NPR</u>	<i>10R-9924</i>	1	KIT-ENGINE OVERHAUL (GOLD)
<input type="text"/>	<u>NPR</u>	<i>10R-3305</i>	6	PISTON & ROD AS
(EACH INCLUDES)				
<input type="text"/>	<u>NPR</u>	<i>238-0294</i>	1	RING-PISTON (OIL)
<input type="text"/>	<u>NPR</u>	<i>238-4737</i>	1	RING-PISTON (INTERMEDIATE)
<input type="text"/>	<u>NPR</u>	<i>250-2940</i>	2	RETAINER-PIN
<input type="text"/>	<u>NPR</u>	<i>180-7350</i>	1	PIN-PISTON
<input type="text"/>	<u>NPR</u>	<i>10R-2117</i>	1	ROD AS-CONNECTING
<input type="text"/>	<u>NPR</u>	<i>7N-2043</i>	2	DOWEL
<input type="text"/>	<u>NPR</u>	<i>213-3217</i>	4	BOLT (M11X1.25X84-MM)

Notes for understanding the SISWEB parts page information

- Non-Serviced part numbers are italicized.
- A part number that is underlined with a Y in the note field indicates there is a separate illustration that provides more of a part number breakdown.
- Indentations in the Parts Name field are also used to distinguish part number consists. For example, in the illustration above, the 10R-9924 consists of six 10R-3305 Piston & Rod AS, which consists of 238-0294 Ring-Piston (Oil), 238-4737 Ring-Piston (Intermediate), two 250-2940 Retainer-Pins...etc.
- Precious Metals Overhaul Kits may contain upgraded parts. These upgraded parts may not appear in your particular engine arrangement in TMI or SIS but they have been technically reviewed for compatibility with your application. For assistance with technical questions, call the Reman Technical Hot Line toll free at (888) 88-REMAN or use our e-mail address -- Reman_Help@cat.com.

Core Acceptance

The following Core Acceptance Criteria are available supporting these products. All the latest Core Acceptance Criteria guidelines can be found on the Reman Dealer Extranet at <https://dealer.cat.com/en/ps/parts/reman/core.html>

SELD0016	Cylinder Packs
SELD0018	Cylinder Heads (EAME and APD)
SELD0287	Cylinder Heads (Americas North and South)
SELD0024	Oil Pumps
SELD0226	Unit Injectors Electronic
SELD0031	Water Pumps

Warranty

Please consult the appropriate warranty statement for your area.

Core Management

Please refer to the Caterpillar Core Management Information System (CMIS 2) related to the parts information application that describes all Reman part/Core Acceptability Family (CAF) and other related information. Also, refer to other CMIS 2 inquiry applications such as: Dealer Customer Profile, Inspection Reason Codes, Inspection Line Inquiry, Dealer Add Charges, Dealer Entitlement Activity, Dealer CCR Inquiry, Dealer CCR Entry, Dealer Shipment Processing, Dealer Process Packaging Grief and Reporting. This information is available to all dealers worldwide that have been converted to CMIS 2.

Please go to the Reman web site <https://dealer.cat.com/en/ps/parts/reman/core.html> for the latest policy and procedural updates that are available to all dealers worldwide explaining policy and procedural information such as “Policy and Core Management” - SELD0122; “Core Management Systems and Operations Procedures” - SELD0040; “Reman Core Return Packaging Instructions And Guidelines” - SELD0300; and “Shipping Instructions” -SELD0039.

If you have any questions regarding Reman Core Management or Core Management Systems (CMIS2), feel free to call your Corinth Dealer Service Representative toll free at (800) 537-2928.

Contact Information:

For assistance with technical questions, call the Reman Technical Hot Line also toll free at (888) 88-REMAN or use our e-mail address--Reman_Help@cat.com.

Global Dealer Solutions Network
Parts Technical Support Team
Toll Free - North America: 1-877-228-2420
International: +1-309-266-4421
Electronic Requests:
Send via Microsoft Customer Relationship Management (MSCRM)
For access and tutorial information: <https://dealer.cat.com/gdsn>

CAT, CATERPILLAR, BUILT FOR IT, their respective logos, "Caterpillar Yellow" and the "Power Edge" trade dress, as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission. The information contained herein is intended for circulation only to Caterpillar and dealer employees whose duties require knowledge of such reports and is intended exclusively for their information and training. Any reproduction of this release without the foregoing explanation is prohibited. This IRM can be viewed and downloaded electronically from the Internet. Please refer to your marketing organization specific site for access to the Caterpillar Media Information Center which contains all of the active IRMs and product support communication materials
© 2017 Caterpillar Inc. All Rights Reserved



