



**Service Information System**

**Service Letter**

**PRODUCT IMPROVEMENT PROGRAM FOR INSPECTING HALDEX BRAKE CHAMBERS ON CERTAIN 2015 CAT CT660 AND CT681 ON-HIGHWAY TRUCKS**

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Caterpillar: Confidential Yellow

TEBE2627-01



**SERVICE LETTER**

11Feb2015

(Revised 17Mar2015)

U-56

*Safety - Interim  
Notification*

**PRODUCT IMPROVEMENT PROGRAM FOR INSPECTING  
HALDEX BRAKE CHAMBERS ON CERTAIN 2015 CAT CT660  
AND CT681 ON-HIGHWAY TRUCKS**

PI11008

**NOTE:**

This is an Interim Notification only. The National Highway Transportation and Safety Administration required notification of non-compliance to the customer. This interim Service Letter

will be cancelled when a standard Safety Service Letter is published.

## PROBLEM

NOTE: This Revised Service Letter replaces the 11Feb2015 Service Letter. Changes have been made to the Affected Product.

Caterpillar is issuing a Safety Recall for the following problem. Certain Haldex Life Seal Type 30/30 Long Stroke Air Brake Actuators manufactured January 9, 2014, to October 28, 2014 may be defective. The affected actuators may have an incomplete attachment of the internal rubber diaphragm to the actuation mechanism of the parking brake section of the Life Seal actuator. If the diaphragm is not completely attached, there may be internal leakage from the service section past the diaphragm, potentially trapping air pressure in the parking brake section. This air pressure in turn, if not vented, may prevent full release of the actuator unit, and may induce brake drag and may result in overheated wheelend service brakes, increasing the risk of a fire. Remedy for this defect will be to inspect the brake chambers and replace as necessary. At this time, parts are not available to support this repair. A 2nd notification letter will be mailed as soon as parts do become available.

It's a violation of Federal law for a dealer to deliver a new motor vehicle covered by this notification under a sale or lease until the defect has been remedied.

## AFFECTED PRODUCT

Model	Identification Number
CT660	TEJ00224 TEP00817-00818, 822, 824-827, 831-833, 836, 843, 856, 859, 876-877, 879, 903, 923, 947, 952, 959, 961-962, 969-970, 979, 981-982, 984, 988, 992, 995, 999, 1004, 1008, 1016, 1020, 1044-1045, 1047, 1050, 1096-1098, 1101-1102, 1118, 1124, 1149, 1180, 1182-1183
CT681 SG	TWJ00136, 158-159

## PARTS NEEDED

No parts needed for this program

## ACTION REQUIRED

No Action is Required.

## OWNER NOTIFICATION

Owners in the following countries will receive the attached Owner Notification:

US (including Puerto Rico)

### EXAMPLE COPY OF OWNER NOTIFICATION

XYZ Corporation  
3240 Arrow Drive  
Anywhere, YZ 99999

### IMPORTANT SAFETY RECALL

THIS NOTICE APPLIES TO YOUR VEHICLE(S) LISTED AT THE END OF THIS NOTIFICATION LETTER

SAFETY - RECALL -Defect in Brake Actuator, NHTSA Recall #14V-814

MODELS INVOLVED - CERTAIN 2015 CT660 and CT681 ON-HIGHWAY TRUCKS

Dear Cat Product Owner:

This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act. Caterpillar has decided that a defect which relates to motor vehicle safety exists on some Caterpillar 2015 CT660 and CT681 On-Highway Trucks equipped with certain brake actuators.

You may have received a letter dated February 12, 2015 regarding this matter. Since then, additional affected vehicles have been identified.

Certain Haldex Life Seal Type 30/30 Long Stroke Air Brake Actuators manufactured January 9, 2014, to October 28, 2014 may be defective. The affected actuators may have an incomplete attachment of the internal rubber diaphragm to the actuation mechanism of the parking brake section of the Life Seal actuator. If the diaphragm is not completely attached, there may be internal leakage from the service section past the diaphragm, potentially trapping air.

parking brake section. This air pressure in turn, if not vented, may prevent full release of the actuator unit, and may induce brake drag and may result in overheated wheelend service brakes. Vehicle drivers may notice overheated wheel ends during pre or post-trip walk-around inspections. Mechanics may notice overheated wheel ends during routine or periodic maintenance. This increases the risk of a fire and may result in smoke and thermal damage to the vehicle as well as possible injury to persons outside the vehicle.

Components necessary for the remedy are not available at this time. When available, Caterpillar will issue another notice to you. Caterpillar will inspect the brake assemblies and replace them if necessary. Caterpillar will perform this service for you free of charge.

If you are a lessor of these vehicles, you must forward this letter to your lessee within ten days.

If you no longer own the vehicle, please contact Caterpillar at this toll free number 1-800-447-4986.

If you have any questions, please contact:

Caterpillar Inc.  
Peoria, IL 61629-2490  
Attn: Americas Distribution Services Division  
Truck Call Center  
Telephone: 1-800-447-4986

You may contact the following to submit a complaint:

In the U.S.  
Administrator  
National Highway Traffic Safety Administration  
1200 New Jersey Avenue, S.E.  
Washington, D.C. 20590  
Telephone: 1-888-327-4236 (TTY:1-800-424-9153) or go to  
<http://www.safercar.gov>

Please refer the dealer to their Service Letter dated \_\_\_\_\_, 2015.

We regret the inconvenience this may cause you, but urge you to have this service performed for your safety and satisfaction when the necessary parts are available.

Caterpillar Inc.

Identification #(s)

Attached to \_\_\_\_\_, 2015 Service Letter

SERIAL/PIN / VIN # ABC00123 1HSJKTLT7DJ123456

(Example) (Example)

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David  
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