



Service Information System

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Model: NO EQUIPMENT SELECTED
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Service Letter

PRODUCT SUPPORT PROGRAM FOR REPLACING THE 482-1739 REAR TANDEM AXLE HOUSING ON CERTAIN CT660 ON HIGHWAY TRUCKS

Media Number -TEBE2860-00

Publication Date -2015/05/12

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TEBE2860-00



SERVICE LETTER

12May2015

B010

Before/After
(Limited distribution)

PRODUCT SUPPORT PROGRAM FOR REPLACING THE 482-1739 REAR TANDEM AXLE HOUSING ON CERTAIN CT660 ON HIGHWAY TRUCKS

7000

PS44730

NOTE:

Caterpillar's obligations under this Service Letter are subject to, and shall not apply in contravention of, the laws, rules, regulations, directives, ordinances, orders, or statutes of the United States, or of any other applicable jurisdiction, without recourse or liability with respect to Caterpillar.

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NOTE:

This Program must be administered either before or after failure. In either case the decision whether to apply the Program is made by the dealer. When reporting the repair, use "PS44730" as the Part Number and "7755" as the Group Number. If administered before failure, use "56" as the Warranty Claim Description Code and "T" as the SIMS Description code. If administered after failure, use "96" as the Warranty Claim Description Code, and "Z" as the SIMS Description Code.

NOTE:

The information supplied in this service letter may not be valid after the termination date of this program. Do not perform the work outlined in this Service Letter after the termination date without first contacting your Caterpillar product analyst.

TERMINATION DATE

30Nov2015

PROBLEM

Certain CT660 On Highway Trucks have the incorrect housing on the rear tandem axle. If the vehicle is driven long enough, damage to the carrier bearings and wheel bearing could occur. For these two vehicles, the complete axle assembly will need to be replaced and the wheel bearings inspected for damage.

AFFECTED PRODUCT

Model	Identification Number
CT660	TEP01090-01091

PARTS NEEDED

Qty	Part Number	Description
2	3581183	GASKET-AXLE SFT

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2	3585548	SEAL-WHEEL BRG (If needed see Action Required)
2	3585757	BEARING-CUP (If needed see Action Required)
2	3585758	BEARING (If needed see Action Required)
2	3585759	BEARING-CUP (If needed see Action Required)
2	3585760	BEARING-CONE (If needed see Action Required)
1	4821739	KIT-AXLE REPLT
In order to allow equitable parts availability to all participating dealers, please limit your initial parts order to not exceed 32% of dealership population. This is an initial order recommendation only, and the ultimate responsibility for ordering the total number of parts needed to satisfy the program lies with the dealer.		

ACTION REQUIRED

Note: Refer to appropriate service manual, service bulletin, or equivalent for detailed procedures and / or specifications.

1. Park the vehicle on a flat surface with wheels straight ahead.
2. Shift the transmission to park or neutral and set parking brake.
3. Install wheel chocks.
4. Raise rear of vehicle and support using jack stands under the frame.
5. Drain air ride suspension.
6. Drain rear tandem axle fluid.
7. Remove both axle shafts.
8. Remove tire assemblies and hubs from rear tandem axle.
9. Remove driveshaft.

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10. Install drain plug into differential carrier.

NOTE: If equipped, remove and save for reuse.

11. If vehicle is equipped with an axle temp sensor, disconnect wire / harness from sensor and remove sensor.

12. Disconnect ABS wiring harness.

13. Disconnect air chamber hoses.

14. Remove brake spider as an assembly on each side of vehicle.

15. Using a suitable lifting device, support axle housing.

16. Remove U-bolt nuts and the lower axle seats.

17. Lower differential carrier and remove from vehicle.

18. Position new differential carrier under the vehicle.

19. Using a suitable lifting device, raise new differential carrier into place.

20. Install UK-bolts, lower axle seats, and UK-bolt nuts.

21. Install brake spider as an assembly on each side of vehicle.

22. Connect air chamber hoses and A BS harness.

23. Install driveshaft.

NOTE: If bearings show visual indication of lack of lubrication (discoloration / bluing of the rollers or roller mating areas of the races) replace the wheel bearings.

24. Remove old wheel seals, inspect bearings for damage.

25. Install new wheel seals.

26. Install hubs on vehicle. Tighten axle nut to specified torque.

Refer to appropriate service manual, service bulletin, or equivalent for detailed procedures and / or specifications.

SERVICE CLAIM ALLOWANCES

Product smu/age whichever comes first	Caterpillar		Dealer Suggested		Customer Suggested	
	Parts %	Labor Hrs%	Parts %	Labor Hrs%	Parts %	Labor Hrs%
0-50000 miles, 0-12 mo	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%
NOTE: This is a 5.0-hour job						

PARTS DISPOSITION

Handle the parts in accordance with your Warranty Bulletin on warranty parts handling.

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