

Constellation
Heritage
> 4700 Models
> 4800 Models
> 4900 Models

> 49X Models
> 5700 Models
5900 Models
> 6900 Models

Western Star
Service Bulletin

General Information

Daimler Trucks North America has released a new axle shaft to hub rubber O-ring (part number 11-30728-000) as a replacement for the paper gasket (part number 11-14418-000). The new O-ring will provide better sealing and is reusable. It is quicker and easier to use compared to the paper gasket, because using a paper gasket requires cleaning the hub when the axle shaft is removed. Most ConMet aluminum hubs have a groove at the end of the hub, where the O-ring can be installed. The O-ring is backwards compatible with those hubs that have a proper groove. See [Table 1](#) for compatible hub bill of material (BOM) numbers, and [Table 2](#) for compatible hub part numbers. The fastener torque values for this module remains the same.

Compatible Hub BOM Numbers		
449-C01900	450-C05815	450-C05956
449-C01901	450-C05816	450-C05957
449-C01902	450-C05817	450-C05958
449-C01903	450-C05818	450-C05959
449-C01904	450-C05819	450-C05960
449-C01905	450-C05820	450-T00104
449-C01910	450-C05821	450-T00105
449-C01911	450-C05822	450-T00115
449-C01912	450-C05823	450-T00116
449-C01913	450-C05824	450-T00127
449-C01914	450-C05825	450-T00128
449-C01915	450-C05826	450-T00129
449-C02402	450-C05827	450-T00130
449-C02403	450-C05828	450-T00133
449-T00016	450-C05832	450-T00136
449-T00043	450-C05833	450-T00140
449-T50290	450-C05834	450-T00142
449-T50301	450-C05835	450-T00143
449-T50307	450-C05836	450-T00144
450-C05800	450-C05837	450-T00145
450-C05801	450-C05838	450-T00146
450-C05802	450-C05925	450-T00148
450-C05803	450-C05926	450-T00149
450-C05804	450-C05927	450-T00150
450-C05805	450-C05928	450-T00151
450-C05806	450-C05929	450-T00158
450-C05807	450-C05930	450-T00160
450-C05808	450-C05937	450-T00166
450-C05809	450-C05938	450-T00167
450-C05810	450-C05939	450-T00168
450-C05811	450-C05940	450-T00176
450-C05812	450-C05945	450-T00177
450-C05813	450-C05946	450-T00179

Compatible Hub BOM Numbers		
450-C05814	450-C05955	450-T51042

Table 1, Compatible Hub BOM Numbers

Compatible Hub Part Numbers		
CM 10031223	CM 10080427	CM 10081425
CM 10031224	CM 10080428	CM 10081426
CM 10031226	CM 10080429	CM 10083164
CM 10031227	CM 10081040	CM 10083166
CM 10036776	CM 10081041	CM 10084651
CM 10036777	CM 10081042	CM 10084653
CM 10080424	CM 10081059	CM 10084942
CM 10080425	CM 10081412	CM 10084945
CM 10080426	CM 10081424	—

Table 2, Compatible Hub Part Numbers

Replacement Procedure

1. Park the vehicle on a level surface, shut down the engine, and set the parking brake. Chock the tires.
2. Remove the axle shafts. For instructions, refer to **Group 35** of the of the applicable workshop manual.
3. Remove and discard the gasket. Clean the axle shaft to hub mounting surface.
4. Locate the O-ring groove at the end of the hub. See [Fig. 1](#).

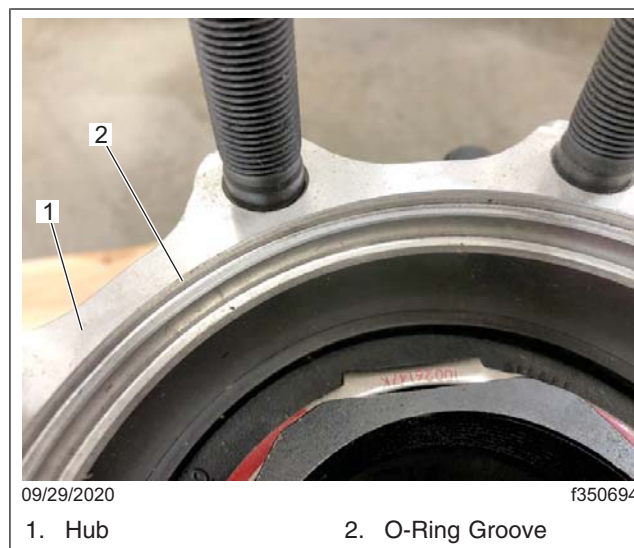


Fig. 1, O-Ring Groove Location

5. Install the O-ring in the groove. When properly seated, the outer surface of the O-ring should appear slightly outside the hub surface. See [Fig. 2](#).

Axle Flange Gasket Replaced with O-Ring

35-018

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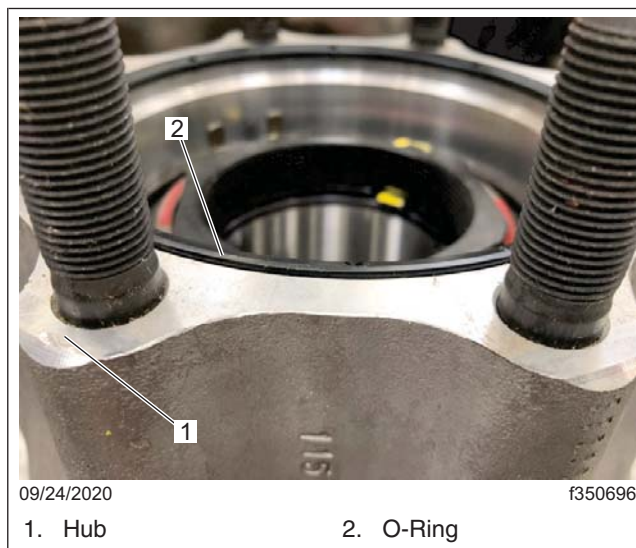


Fig. 2, O-Ring Seating

6. Install the axle shafts. For instructions, refer to **Group 35** of the applicable workshop manual.
7. Fill the hub with oil of appropriate grade. For instructions, refer to **Group 35** of the applicable workshop manual.

Warranty

This is an information bulletin only and not intended for pro-active work. Warranty does not apply.