

# Service Bulletin

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## ConMet TN Aluminum PreSet Hub with Flat Rotor: Identifying the Correct Rotor when Replacement is Required

**PURPOSE:** This service bulletin will assist technicians with determining the correct rotor service kit for ConMet PreSet aluminum TN trailer hubs. PreSet Aluminum hubs for the TN trailer disc brake application were modified in February 2006 to incorporate a new, more robust 'flat' rotor design. This new rotor is **NOT** interchangeable with the previous 'flat' rotor design. When the brake rotor needs replacement, the correct rotor will be required for proper service.

**SCOPE:** This Service Bulletin covers ConMet aluminum hubs with flat rotors for TN trailer axles.

**PROCEDURES:** Each ConMet rotor is identified by a part number stamped or cast on to the rotor. See Figure 1 and Figure 2 for the location of each part number. These rotors are also visually different from each other. When viewed from the outside edge, the earlier version 10009970 rotor has front and rear brake surfaces that are the same thickness. The current version 10016195 rotor has one braking plate thicker than the other. See Figure 3. The mounting flange thickness and configuration of each rotor is also different. See Figure 4 and Figure 5.

Service kits are available that include the rotor, ABS tone ring, mounting screws, and flange nuts for rotor mounting. The service kit part numbers are:

Rotor Part Number 10009970 requires Service Kit Part Number 10016390

Rotor Part Number 10016195 requires Service Kit Part Number 10018609

Your vehicle was likely equipped with one of the most common hub and rotor assembly part numbers referenced below:

Aluminum TN Trailer Air Disc Brake Hubs w/ 10009970 Flat Rotor				
Part Number	Type	Stud Standout	ABS	Weight (lbs.)
10012111	HP10	2.56	No	111.8
10012112	HP10	3.44	No	113.3
10012113	HP10	2.56	Yes	112.8
10012114	HP10	3.44	Yes	114.3
Aluminum TN Trailer Air Disc Brake Hubs w/ 10016195 Flat Rotor				
10016602	HP10	2.56	No	120.8
10016603	HP10	3.44	No	122.3
10016600	HP10	2.56	Yes	121.8
10016601	HP10	3.44	Yes	123.3

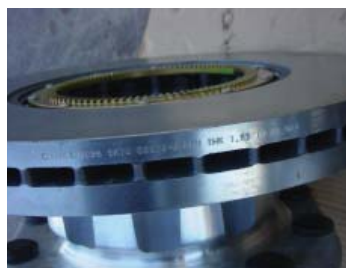


Figure 1. Part Number 10016195 is identified by 6195 stamped on the edge of the rotor.



Figure 2. Part Number 10009970 is cast on the face of the rotor above the mounting holes.



Figure 3. The 10016195 rotor on the left has one braking plate thicker than the other. Also note the difference in the thickness of the web between the braking surfaces.



Figure 4. Part Number 10009970. Note thinner mounting flange.



Figure 5. Part Number 10016195. Note thicker mounting flange.

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