

Wheel Cover Components

Before beginning the installation process, please inspect your kit for damaged and/or missing parts. If parts are damaged or missing, FlowBelow Aero, Inc. can be reached via email at support@flowbelow.com or by phone at 512-520-5350.

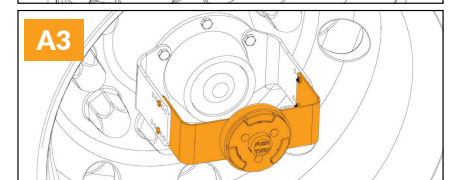
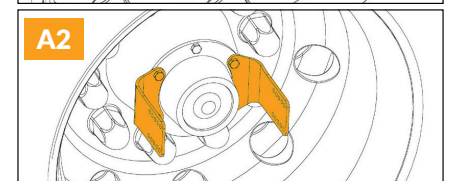
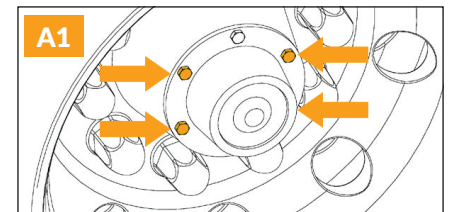


Tools Required

- + Wrenches (7/16", 1/2")
- + Torque Wrench
- + Sockets (7/16", 1/2")
- + Straight Edge
- + 3/8" Drive Ratchet

A Install Brackets & Latch Assembly

1. Remove 4 axle flange bolts (OE) and ensure that the surface of the axle flange where the bolts were removed is flat (see Figure A1)
2. Secure the latch brackets to the axle flange using new mounting bolts and lock washers supplied in Hardware Kit and torque the new mounting bolts to 12 ft-lbs (see Figure A2)
3. Orient the latch assembly between the latch brackets (see Figure A3)
4. Select the appropriate hole setting in the latch brackets such that the wheel cover is centered within the rim and the gap between the wheel cover and the wheel rim is between 3/8" to 1/2" (see Figure A4)
5. Install the latch hardware to the brackets with 1/4"-20 bolts and 1/4"-20 nuts. (Torque to 10 ft-lbs.)
6. Repeat steps 1-7 to install the remaining brackets and latch assemblies.



B Attach Wheel Covers

1. Orient the wheel cover so that the wheel cover plate fits over the latch.
2. Push the center of the wheel cover into the latch and rotate the wheel cover until the latch snaps closed and the cover is held securely in place.

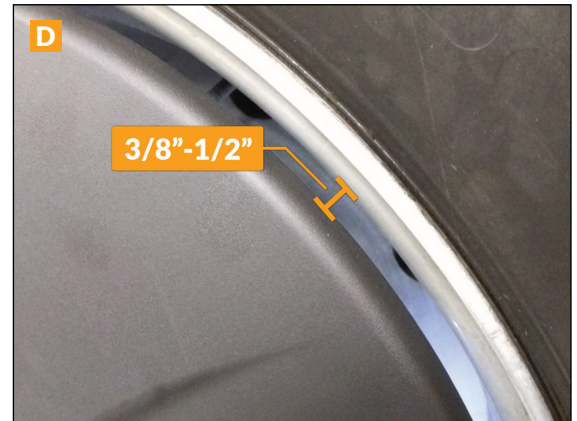


C Remove Wheel Covers

1. Push and hold the latch button located in the center of the bracket.
2. Rotate the wheel cover until the cover is ejected from the latch. Removal of the wheel cover is now complete.

D Check Your Work

- The wheel cover edges should never touch any part of the wheel rim.
- The wheel cover should have equal spacing distance of wheel cover to wheel rim between $\frac{3}{8}$ " to $\frac{1}{2}$ ".
- If there is an uneven gap between the wheel cover and wheel rim, it will be necessary to remove the wheel cover and verify the latch is installed correctly and is level.

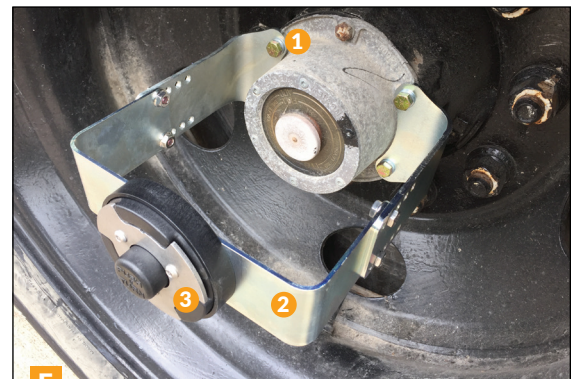


E Maintenance and Inspection Areas

Warning: if the Wheel Covers are not properly secured, components may detach from the truck while driving.

As part of routine pre-trip inspections or at least once per month, inspect the Wheel Covers for the following:

- 1 Inspect bolts and verify the bolts are secure (x4 per wheel)
- 2 Inspect latch assembly bracket for cracks, breakage or corrosion
- 3 Inspect latch assembly for cracks, breakage or corrosion
- 4 Inspect wheel cover; verify the cover is centered within the rim & has the minimum required spacing of $\frac{3}{8}$ " to $\frac{1}{2}$ " (x1 per wheel)
- 5 Inspect wheel cover ring for cracks or corrosion; verify the cover ring is free from damage and ring hardware is secure (x1 per wheel)
- 6 Inspect locking mechanism of each latch assembly; verify the wheel cover is firmly held in place when installed (x1 per wheel)



TIME SAVING TIP

Complete the wheel cover installations on all wheels before proceeding to the fairing installation process. Once you complete the first wheel, the remaining wheels proceed much quicker.