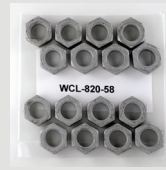


Wheel Cover Components

Before beginning the installation process, please inspect your Tractor AeroKit 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.



HARDWARE KIT
WCL-820-58
(x1)



HARDWARE KIT
WCL-810-000-A
(x1)



WHEEL COVERS (x4)

Tools Required

- + Air or Electric 1/2" Impact
- + Torque Wrench
- + Sockets (1/2" drive, 1 1/8" or 1 5/16")
- + Straight Edge



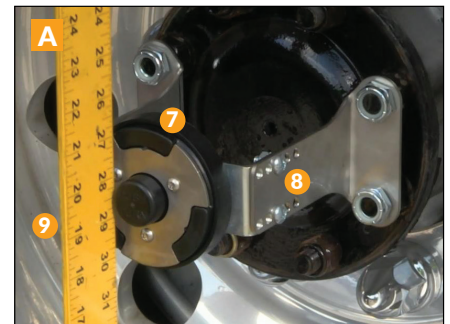
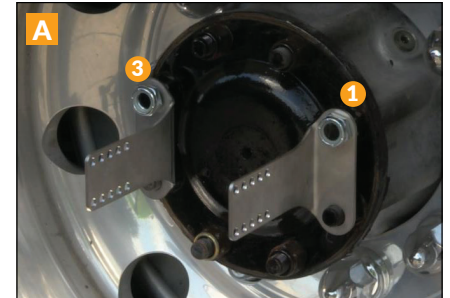
LATCH BRACKET (x4)



LATCH ASSEMBLY (x4)

A Install Adjustable Latch Bracket

1. Place each latch bracket over axle studs; the base of the latch bracket should rest on top of the axle stud nuts.
2. Orient the latch bracket so the assembled latch assembly does not overlap the axle plate notch.
3. Install a jam nut onto each axle stud.
4. Torque the jam nuts (in a star pattern) based upon axle stud size (5/8" studs are torqued to 90 ft-lbs., 3/4" studs are torqued to 120 ft-lbs.).
5. Place a straight edge across the latch face to verify proper fit within the tire rim.
6. Install the latch assembly between the latch brackets.
7. Position the latch assembly between the brackets so the latch face is flush with the outside lip of the wheel.
8. Install the latch hardware to the brackets with 1/4"-20 bolts and 1/4"-20 nuts loosely.
9. Place a straight edge across the latch face and the edges of the latch brackets, tighten each bolt and nut. This will ensure the latch is correctly orientated and level within the two latch brackets.
10. Torque each bolt to 10 ft-lbs.



The remaining brackets and latch assemblies can be assembled prior to installation on the axle studs. Refer to the first latch assembly to determine the correct adjustable mounting hole location; insert, tighten and torque the bolts. While tightening the bolts, set the assembly on a flat surface and apply a slight downward pressure from the top of the latch ensuring each latch assembly is level within the latch brackets.

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 jam nuts and verify the nuts are secure
- 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 and has the minimum required spacing of $\frac{3}{8}$ " to $\frac{1}{2}$ "
- 5 Inspect wheel cover ring for cracks or corrosion; verify the cover ring is free from damage and ring hardware is secure
- 6 Inspect locking mechanism of each latch assembly; verify the wheel cover is firmly held in place when installed

