

DESCRIPTION

Aperia is clarifying the torque recommendation for the trailer bracket mounting screws (Fig. 1) to ensure that the hub cap manufacturer specification is 16 ft-lb or above. The screw torque should be inspected at each PM to ensure the Halo system and hub cap remain securely attached to the vehicle.

BACKGROUND

The trailer mounting brackets have been engineered to exceed the Halo's advertised lifetime. Ensuring proper torque and regularly inspecting to maintain proper torque will ensure continued safe operation. Since the Halo is typically removed to check hub lubricant levels at each PM, Aperia recommends synchronizing the torque inspection with the PM.

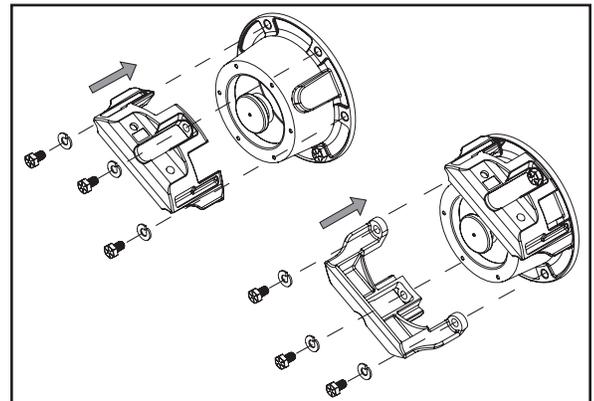


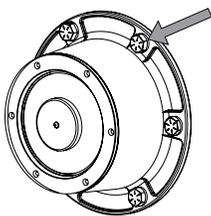
Figure 1. Trailer bracket mounting screws

AFFECTED PARTS

All trailer mounting brackets, part numbers BR-DNB, BR-DPB, BR-4009A, BR-4195A.

RECOMMENDED ACTIONS

1. Confirm hub cap screw torque specification



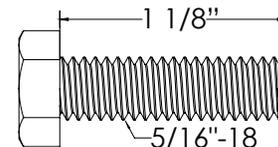
Confirm your hub cap manufacturer's screw torque specification is at or above **16 ft-lb**.

DO NOT install the Halo on a hub cap with a torque rating below 16 ft-lb. Replace the hub cap with a different hub cap if necessary.

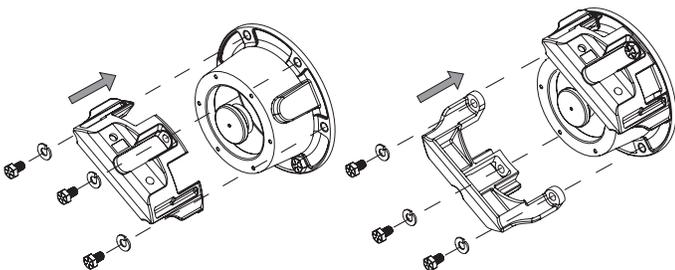
2. Ensure Aperia-issued replacement hub cap screws are used

The original screws that were used to attach the hub cap to the hub may be too short to allow sufficient thread engagement once the brackets are installed.

Make sure that longer Aperia-issued screws and washers are used to install brackets. To obtain replacements contact customer service.



3. Re-tighten screws at each preventative maintenance.



Torque: 16 ft-lb (22 N m)

Screws may turn slightly when re-tightening.

▲ WARNING: Failing to use the longer Aperia issued screws may lead to the Halo detaching from the vehicle during driving. Ensure that at least six threads engage with the hub when installed.

Under or over-tightening the screws that secure the mounting bracket to the hub cap may result in the Halo detaching from the vehicle and a rapid loss of tire pressure.