

General Information

If the upper radiator shroud on a Western Star 4700 equipped with a DD13 engine comes loose, it may be due to loose plastic push rivets (23-12274-003) that attach the shroud to the upper radiator tank. See [Fig. 1](#) for the push rivet location. If needed, replace the push rivets with metal J-nuts, fender washers, and 1/4-20 x 0.5 bolts.

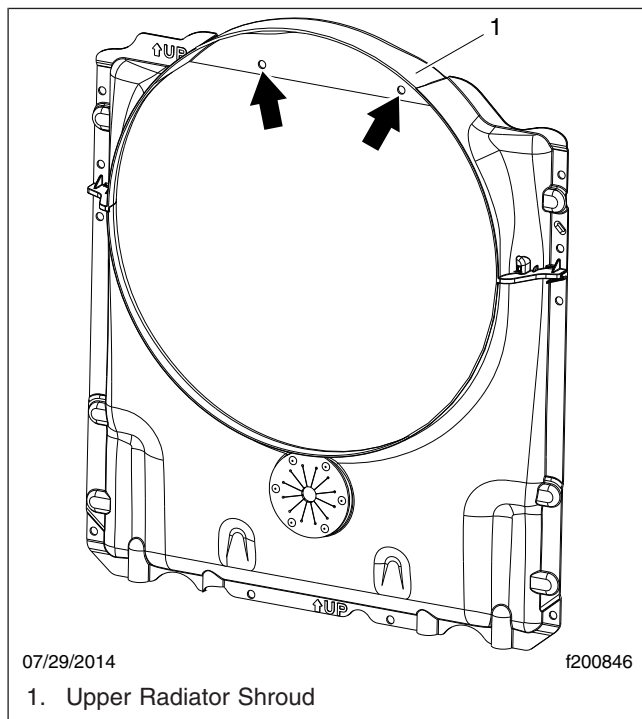


Fig. 1, Fastening Points

Replacement

NOTICE

When installing the shroud, use the 1/4-20 x 0.5 bolts listed in [Table 1](#). Using longer bolts will damage the radiator, which may lead to engine damage.

1. Park the vehicle on a level surface, shut down the engine, and set the parking brake. Chock the tires.
2. Remove the upper fan shroud. Discard the plastic push rivets.
3. Install J-nuts on the radiator at the two fastening points. See [Fig. 1](#). For the correct part numbers, see [Table 1](#).
4. Using fender washers and 1/4-20 x 0.5 bolts, attach the upper fan shroud to the radiator. For the correct part numbers, see [Table 1](#).

Parts

Use the parts listed in [Table 1](#) for this procedure.

Retrofit Parts		
Part Number	Description	Quantity
23-11663-000	J-Nut, 1/4-20	4
23-10742-050	Bolt, 1/4-20 x 0.5	4
23-09426-203	Fender Washer, 1/4	4

Table 1, Retrofit Parts

Warranty

This bulletin is informational only. Warranty does not apply.