

FLA COE
FLB COE
> FLD Conventional
Business Class

FLC 112 Conventional
> Century Class Conventional
Argosy COE
Cargo

> Columbia
Condor
Coronado
> Business Class M2

**Freightliner
Service Bulletin**

General Information

On some Freightliner vehicles with a 1200-square-inch radiator, the top of the fan shroud may deflect and contact the fan blade when the fan comes on. To address this, a stiffer shroud has been designed with new attachment points at the top of the shroud. Follow the instructions in this bulletin to replace the shroud.

Parts

Part Number	Description	Qty.
05-16972-002	Fan Shroud, 1200 sq. in. Radiator	1
05-16972-003	Fan Shroud, 1200 sq. in. Radiator, PTO	1
23-10800-075	Screw, Hex, Self-Tapping 1/4-20	2
23-09426-203	Flatwasher	2

Table 1, Parts Required

Procedure

1. Park the vehicle on a level surface, shut down the engine, and set the parking brake. Chock the tires.
2. Using a ratchet strap, support the hood from one of the hood springs and a solid anchor such as a bracket in the engine compartment. See [Fig. 1](#).
3. Disconnect the hood cable from the radiator.
4. Using a grease pen, mark the corner positions of the fan shroud against the radiator.
5. Disconnect the charge air cooler hoses at the charge air cooler. See [Fig. 1](#).
6. Disconnect the radiator strut rods at the top of the radiator, then push the rods to the side so that the fan shroud has clearance.
7. Loosen the two lower radiator mounting nuts, but do not remove them.
8. Remove the fasteners that attach the fan shroud.
9. Remove the fan blade mounting nuts.
10. Remove the fan blade and shroud.
11. Lower the fan blade and new shroud into position.
12. Apply sealant 48-00094-141 to the threads of the six nuts, then attach the fan blade. Torque the nuts 30 lbf·ft (40 N·m).
13. Attach the shroud using the fasteners previously removed, and two self-tapping screws and washers in the brackets on the top of the shroud. See [Fig. 2](#).
Ensure the shroud is aligned to the marks made on the radiator, and that the clearance between the fan and shroud is a minimum of 3/4 inch.
14. Tighten the lower radiator nuts to 90 lbf·ft (122 N·m).
15. Attach the radiator strut rods.
16. Attach the CAC lines.
17. Attach the hood cable.

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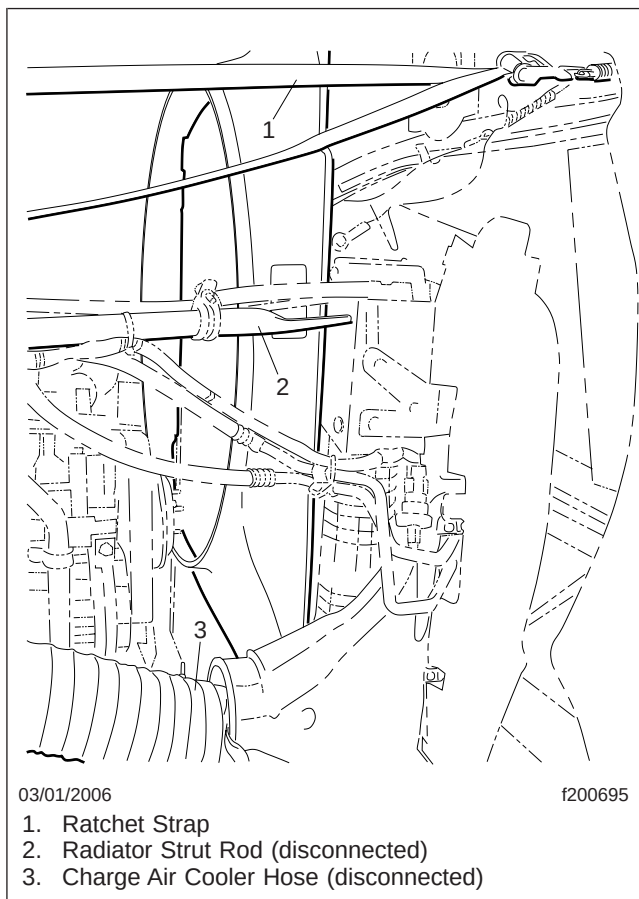


Fig. 1, Fan and Shroud Replacement

18. Remove the ratchet strap.

19. Close the hood and remove the chocks.

Warranty

Normal warranty applies. When submitting claims, reference this bulletin in the story of the claim. See [Table 2](#) for damage code and time guide information.

Damage Code and Time Guide Information			
Damage Code	SRT Code	Description	Hours
273-003574982	272-5005A	Fan Shroud, 1200 Radiator, Replace	1.4

Table 2, Damage Code and Time Guide Information

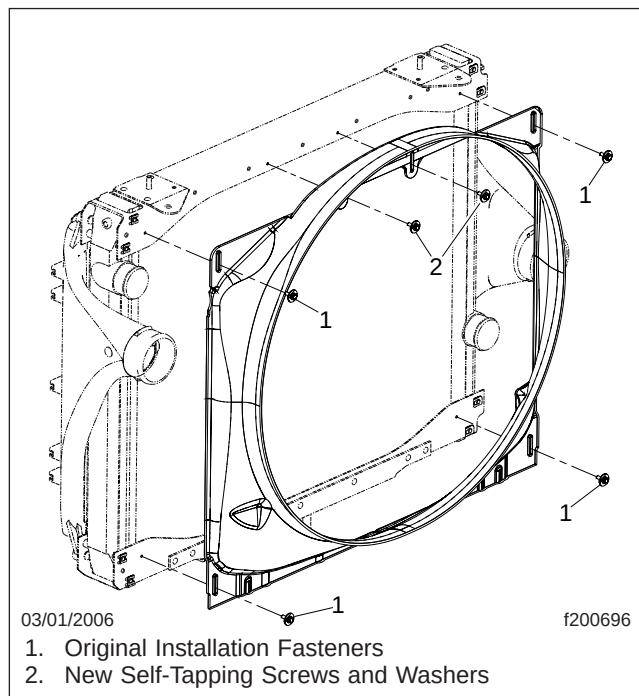


Fig. 2, Fan Shroud Installation