

Constellation
Heritage
4700 Models

4800 Models
4900 Models
> 5700 Models

5900 Models
6900 Models

Western Star
Service Bulletin

General Information

On some Western Star 5700 vehicles with 82-inch sleeper cabs and roof fairings, the roof fairing may contact the cab roof in a high crosswind. To resolve this issue, install a fairing bracket between the front mounting locations and the rear brackets on each side of the roof, and a nut plate inside the sleeper. See [Fig. 1](#). See the procedure below for instructions for accessing the nut plate locations and installing the brackets.

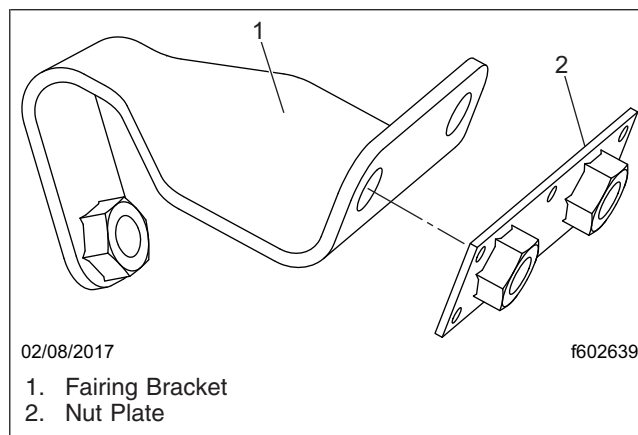
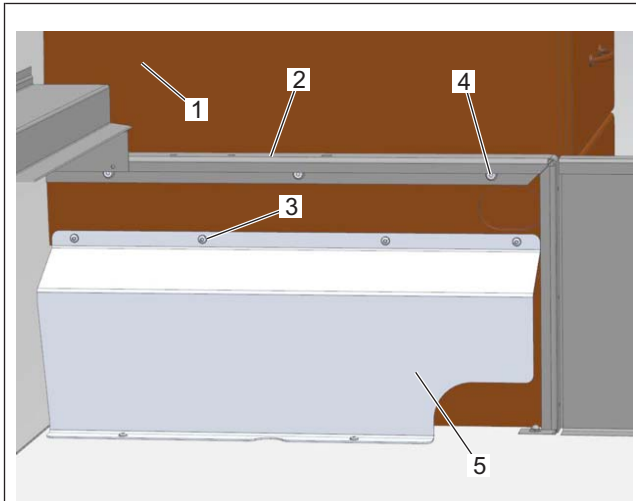


Fig. 1, Fairing Bracket and Nut Plate

Procedure

1. Park the vehicle on a level surface, shut down the engine, and set the parking brake. Chock the tires.
2. Raise the lower bunk.
3. Remove the refrigerator (if equipped), as follows:
 - 3.1 Remove the four screws that secure the refrigerator in place.
NOTE: Plastic plugs may cover the screws.
 - 3.2 Pull the refrigerator out and disconnect the wiring.
4. Loosen the LH cabinet, as follows:
 - 4.1 At the bottom of the bunk-facing side of the cabinet, remove the HVAC access panel. See [Fig. 2](#).
 - 4.2 Position a jack to support the corner of the bunk frame; see [Fig. 3](#).



02/08/2017

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1. LH Cabinet
2. Bunk Frame
3. HVAC Cover Screw
4. Bunk Frame-to-Cabinet Screw
5. HVAC Access Panel

Fig. 2, HVAC Access Panel



02/08/2017

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1. Jack
2. Bunk Frame-to-Cabinet Screws
3. LH Cabinet

Fig. 3, Jack Installed Under Bunk Frame

- 4.3 Remove the screws that attach the bunk frame to the cabinet.
- 4.4 Remove the screws, washers, and spacers at the bracket in the back of the cabinet. See [Fig. 4](#).

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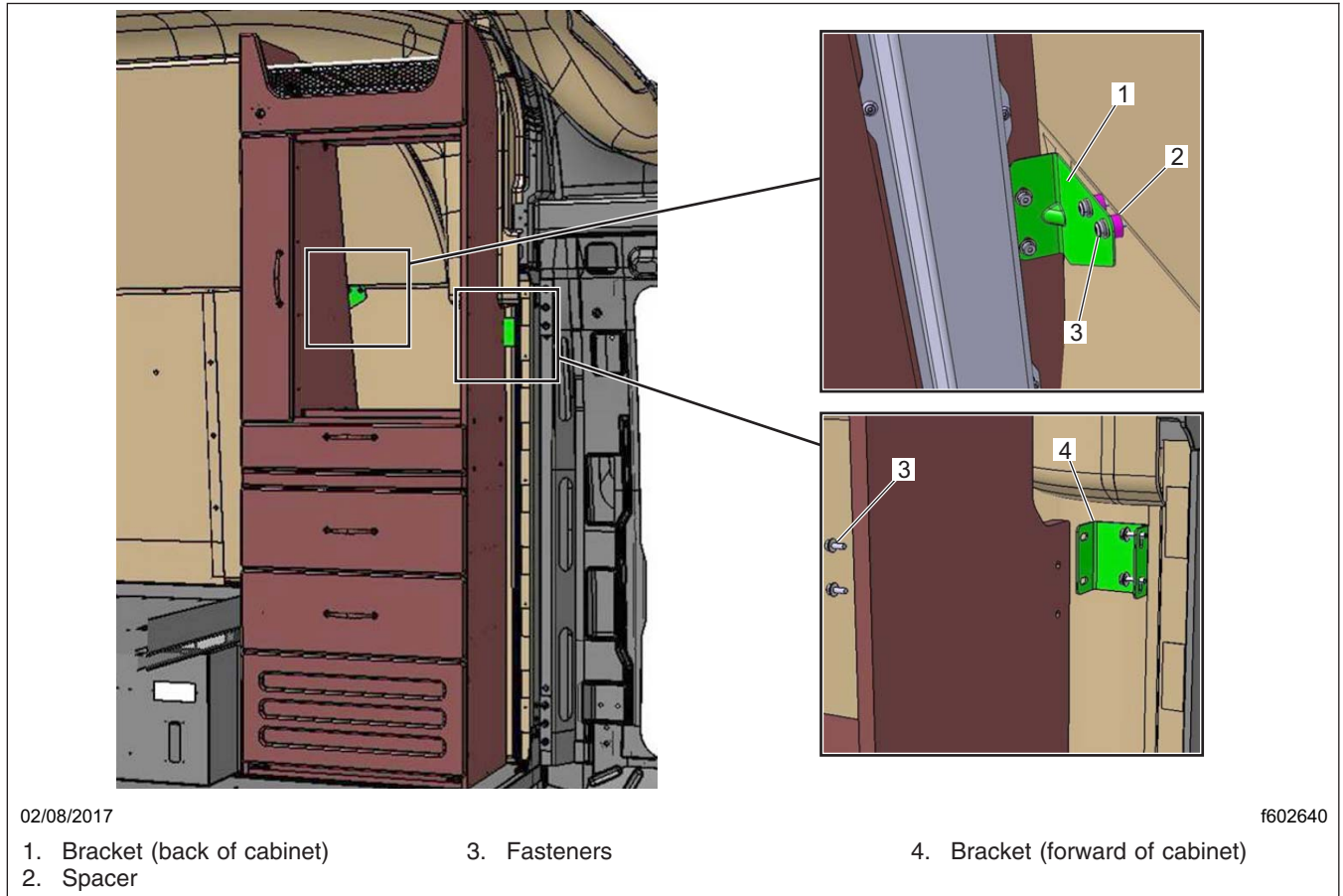


Fig. 4, LH Cabinet Installation

- 4.5 Remove the screws and washers that attach the cabinet to the forward bracket.
- 4.6 Remove the bottom drawer.
- 4.7 Remove the screws and washers that attach the bottom of the cabinet to the cab floor. See [Fig. 5](#).

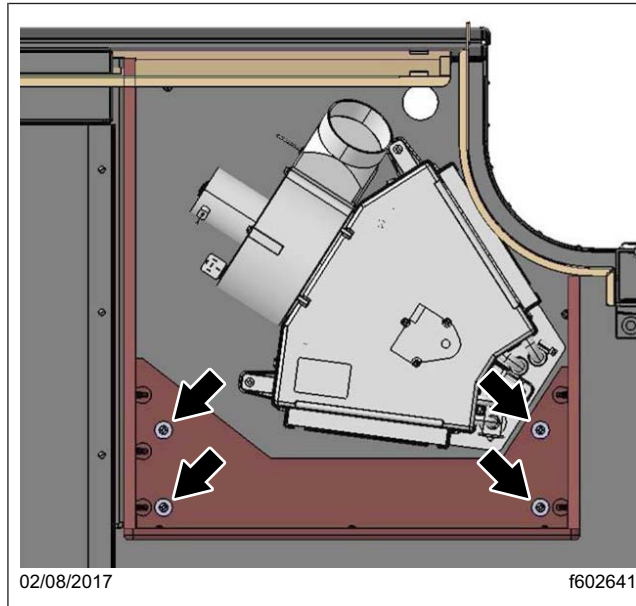


Fig. 5, LH Cabinet Floor Fasteners

- 4.8 Pull the cabinet away from the cab wall enough to release the trapped trim panel.
- 5. Loosen the RH cabinet, as follows:
 - 5.1 Remove the screws, washers, and spacers at the bracket in the back of the cabinet. See [Fig. 6](#).

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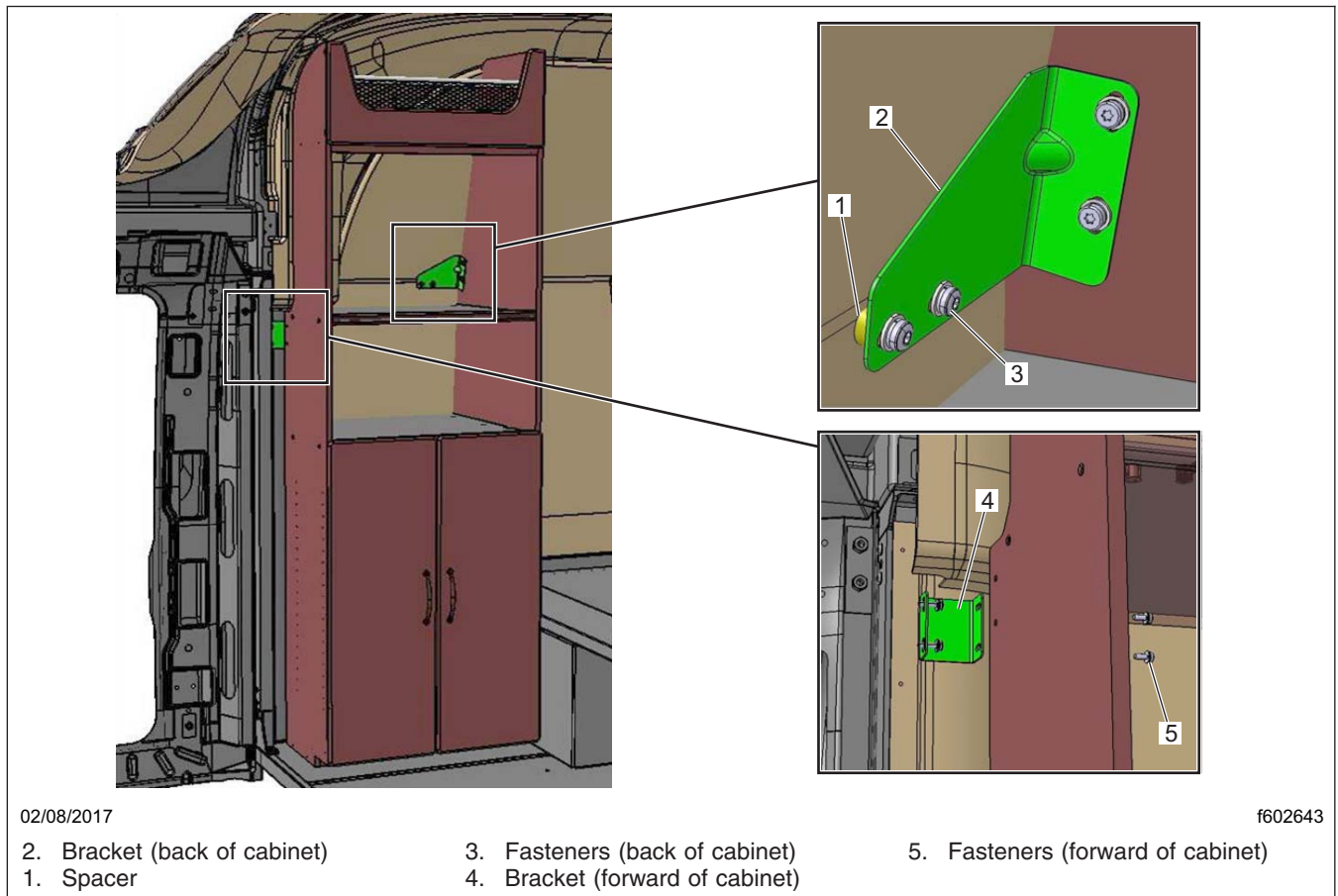


Fig. 6, RH Cabinet Installation

- 5.2 Remove the screws and washers that attach the cabinet to the forward wall bracket.
- 5.3 Remove the screws and washers that attach the bottom of the cabinet to the cab floor. See [Fig. 7](#).

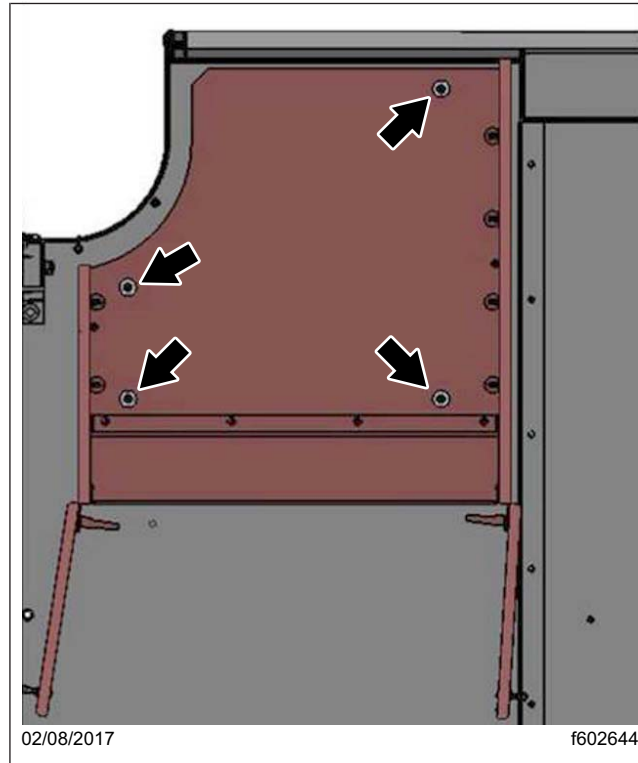


Fig. 7, RH Cabinet Floor Fasteners

- 5.4 Pull the cabinet away from the cab wall enough to release the trapped trim panel.
6. Remove the window trim from the upper sleeper windows.
7. Remove the LH and RH upper side-wall trim panels. See [Fig. 8](#) and [Fig. 9](#).

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Fig. 8, Sleeper Side Wall

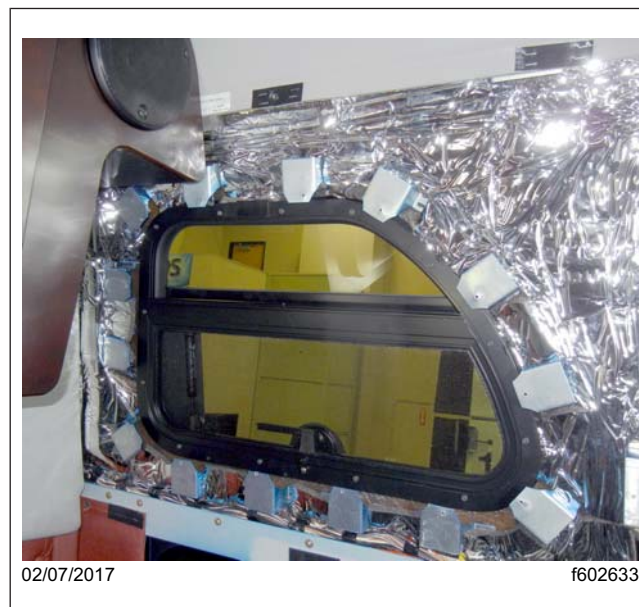


Fig. 9, Window Trim and Side-Wall Trim Panel Removed

8. Cut a 13/32-inch and a 3/16-inch drill bit short enough to fit a right-angle drill between the roof cap and the fairing to drill the holes. See [Fig. 10](#).



Fig. 10, Right-Angle Drill and Cut-Off Drill Bits

9. Position the bracket between the roof cap and the fairing, with the rear edge of the bracket 12 inches (30.5 cm) from the rear edge of the roof cap, as shown in [Fig. 11](#). Make sure that the side of the bracket with the two holes rests against the roof cap, and the side with one hole rests against the fairing.

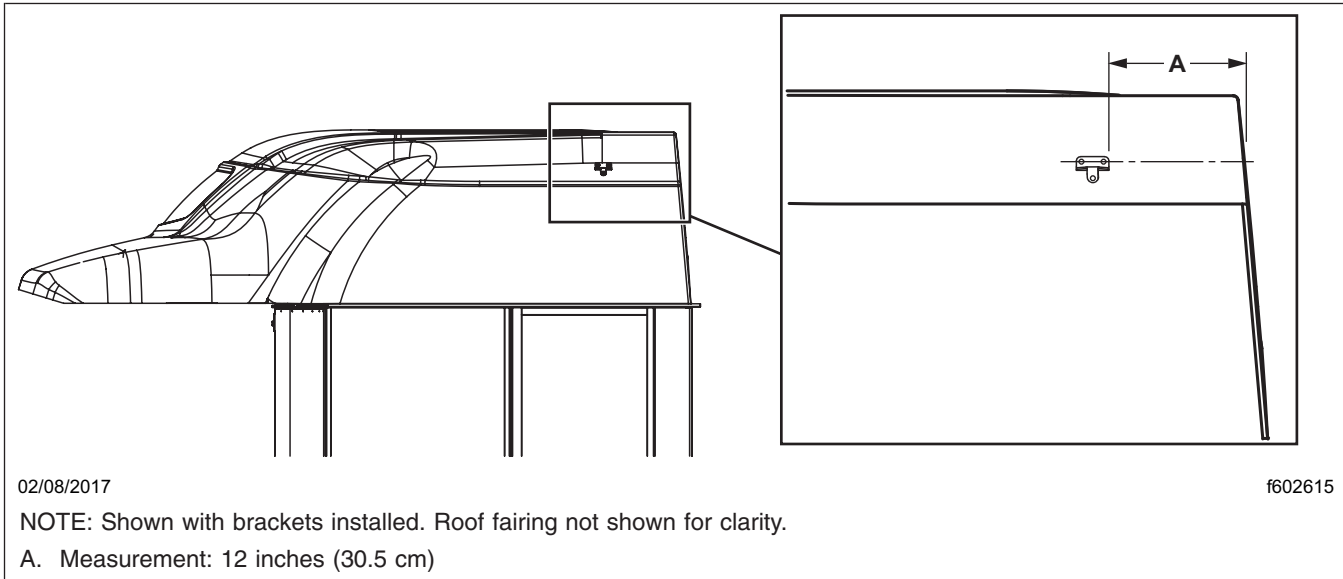


Fig. 11, Locating the Bracket

10. Using the bracket as a template, mark the drilling location of the rearward hole.
11. Remove the bracket.
12. Using the 13/32-inch drill bit, drill the rearward hole in the cab roof.
13. Position the bracket in place with a capscrew through the drilled hole holding the bracket in place.
14. Using the bracket as a template, and using the 13/32-inch drill bit, drill the forward hole in the cab roof.
15. Locate the drilled holes from inside the cab, above the lower edge of the headliner. Remove any headliner standoff bracket that may interfere with the installation of the nut plate (see [Fig. 12](#)), then scrape off high spots of the old adhesive.



Fig. 12, Removed Headliner Standoff Bracket

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16. From outside, insert a capscrew through the second hole to hold the fairing bracket in place.
17. Using the bracket as a template, mark the drilling location on the fairing.
18. Remove the fairing bracket.
19. Using the 3/16-inch bit, drill a pilot hole through the fairing at the marked location.
20. Using the 13/32-inch bit, drill a hole from outside the fairing.
21. Apply sealant to the cab-facing surface of the fairing bracket.
22. If applicable, add adhesive to the removed headliner standoff bracket.
23. Apply high-strength adhesive to the nut plate.
24. With the assistant holding the nut plate in place, attach the fairing bracket to the roof cap using the capscrews and washers. See [Fig. 13](#).
25. From outside the fairing, install a capscrew and washer to attach the fairing bracket to the fairing. See [Fig. 14](#).



Fig. 13, Fairing Bracket Installed

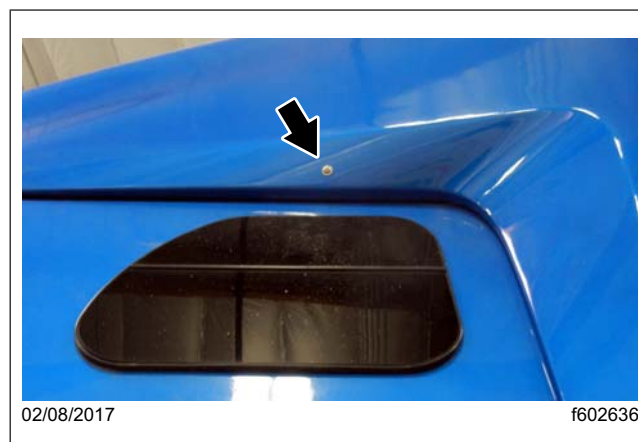


Fig. 14, Fairing Bracket Fasteners

26. If applicable, install the removed headliner standoff bracket partially behind the headliner. See [Fig. 15](#).



Fig. 15, Headliner Standoff Bracket Installed in New Location

27. Repeat steps 9 through 26 to install the fairing bracket on the other side of the vehicle.
28. Install the LH and RH upper side-wall trim panels.
29. Install the window trim on the upper sleeper windows.
30. Install the RH cabinet, as follows:
 - 30.1 Push the cabinet against the cab wall.
 - 30.2 Install the screws, washers, and spacers at the bracket in the back of the cabinet. See [Fig. 6](#).
 - 30.3 Install the screws and washers that attach the cabinet to the forward wall bracket.
 - 30.4 Install the screws and washers that attach the bottom of the cabinet to the cab floor. See [Fig. 7](#).
31. Install the LH cabinet, as follows:
 - 31.1 Push the cabinet against the cab wall.
 - 31.2 Install the screws, washers, and spacers at the bracket in the back of the cabinet. See [Fig. 4](#).
 - 31.3 Install the screws and washers that attach the cabinet to the forward bracket.
 - 31.4 Install the screws and washers that attach the bottom of the cabinet to the cab floor. See [Fig. 5](#).
 - 31.5 Install the bottom drawer.
 - 31.6 Remove the jack. See [Fig. 3](#).
 - 31.7 Install the screws that attach the bunk frame to the cabinet.
 - 31.8 Install the HVAC access panel. See [Fig. 2](#).

Parts

Parts are available through the PDCs. See [Table 1](#).

Parts		
Part Number	Description	Qty.
A22-74828-000	Fairing Bracket, Rear, Sleeper, LH	1

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Parts		
Part Number	Description	Qty.
A22-74828-001	Fairing Bracket, Rear, Sleeper, RH	1
A22-74827-000	Nut Plate, Fairing, Sleeper	2
23-12147-125	Capscrew, Button Head, 3/8	6
23-10900-038	Flatwasher, SST, 3/8	6

Table 1, Parts

Warranty

This is an informational bulletin only. Warranty does not apply.

