


CERTAIN 2013-2016 MODEL YEAR FUSION AND 2013-2015 MODEL YEAR MKZ VEHICLES — DRIVER AND PASSENGER FRONT SEATBELT PRETENSIONER CABLE REPAIR

OVERVIEW

In some of the affected vehicles, the driver and passenger front seatbelt pretensioner cables may separate during a deployment and may not adequately restrain the occupant in a crash, increasing the risk of injury. Before demonstrating or delivering any new in-stock vehicles involved in this recall, dealers are to inject 1.5 ml of conformal coating chemical into the driver and passenger front seatbelt pretensioner assemblies following the instructions in the Technical Information.

SERVICE PROCEDURE

NOTE: A video of the service procedure can be found by clicking the video icon. 

1. Remove the driver and passenger side B-pillar lower trim panel. Please follow the Workshop Manual (WSM) procedures in Section 501-05.

NOTE: Removal of the B-pillar upper trim panel is not required for this procedure.

2. Remove the pin-type retainers on both sides, and position the carpet aside to access both front seatbelt pretensioner assemblies. See Figure 1.

NOTE: Failure to access both seatbelt pretensioner assemblies prior to preparing the syringe with chemical could allow the chemical to cure prior to injection.

NOTE: Passenger side shown, driver side similar.

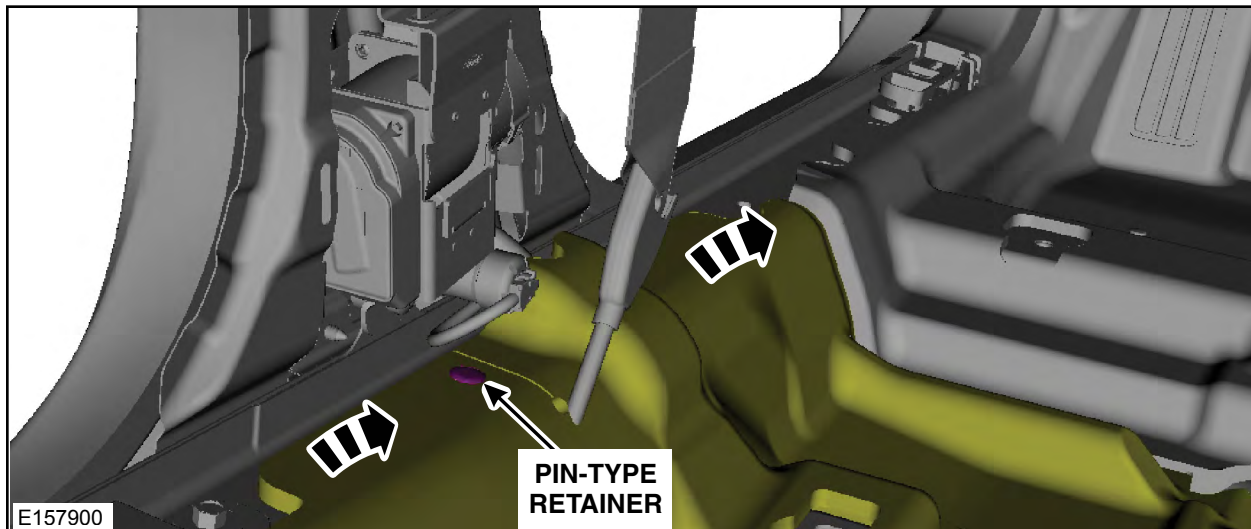


FIGURE 1



NOTE: The use of disposable rubber gloves is required.

- Using the syringe and conformal coating chemical provided in the service kit, draw 3 ml of conformal coating chemical into the syringe, then screw on the applicator needle to the end of the syringe. See Figure 2.

NOTICE: Place a shop rag under the loaded syringe to prevent dripping onto the carpet, which could leave a stain. The carpet should be pulled away from the pretensioners to prevent the possibility of staining.

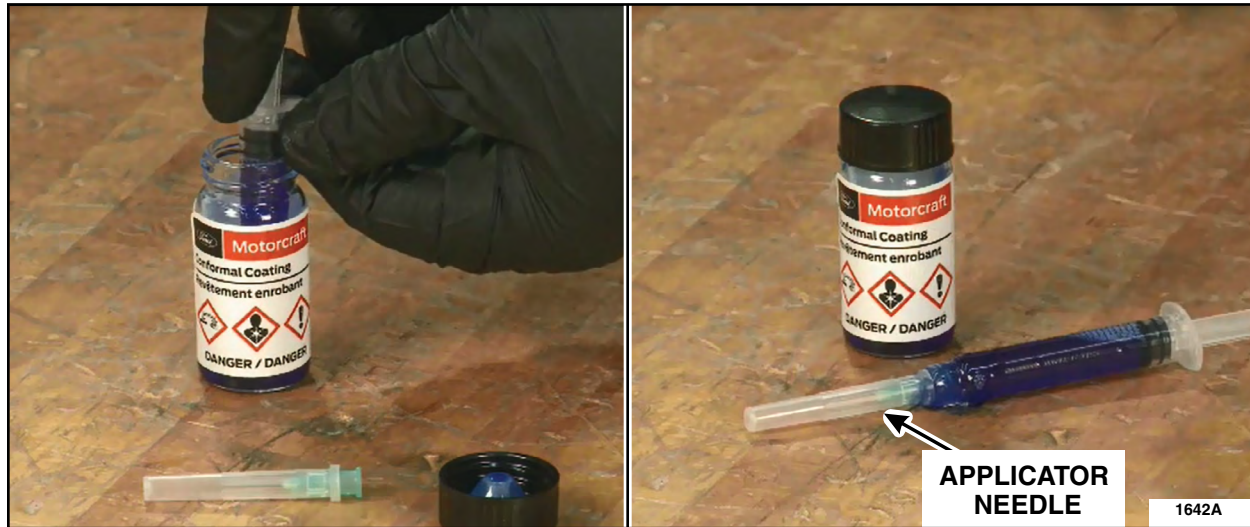


FIGURE 2



4. Bending the seatbelt pretensioner cable eyelet downward, inject half of the syringe contents (1.5 ml) into one of the front seatbelt pretensioner assemblies, and then inject the remaining syringe contents (1.5 ml) into the other front seatbelt pretentioner assembly.
See Figure 3.

- Use small bumps on the plunger to control the flow of the chemical into the pretensioner housing and to limit the amount of chemical that could pool up and spill out of the housing.
- The injection process may take 2-3 minutes per side to allow the 1.5 ml to soak into the cable and gravitate down into the pretensioner housing.

NOTE: The pretensioner is shown out of vehicle for clarity.

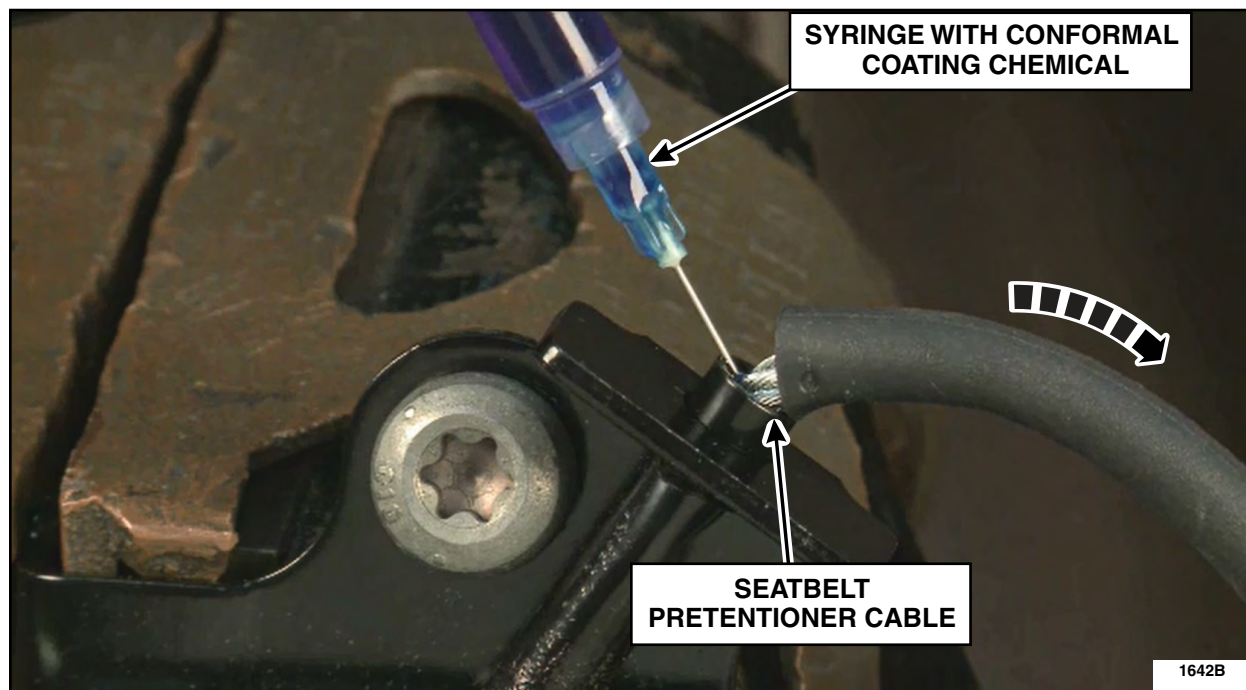


FIGURE 3

NOTE: The pretensioner cable housing will overflow if 1.7 ml of chemical is injected. Overfilling with more than 1.5 ml of chemical is not a cause for concern and will not degrade pretensioner performance.

NOTE: Allow the chemical to cure for **30 minutes** prior to returning the vehicle to the customer. The vehicle can be reassembled during this time.

5. Reassemble the vehicle by reversing the removal procedure.
6. Unscrew the cap on the vial and allow the remaining chemical to cure prior to discarding, along with the used syringe and applicator nozzle.
 - The applicator needle supplied in the kit is a hobby-type, non-hypodermic needle and should not require medical waste disposal.

