

Model:

Ford
2015-2017 Mustang

Issue: Some 2015-2017 Mustang vehicles may experience an inoperative rear parking aid camera, luggage compartment lamp, luggage compartment lid release and/or poor satellite radio reception. This may be due to damage to the 14A005 harness in the area of the right side luggage compartment lid hinge. This concern may be accompanied by diagnostic trouble codes (DTCs) B115E, C1001, and B1A89.

Action: Follow the Service Procedure steps to correct the condition.

Parts

Part Number	Description	Quantity
FR3Z-14A411-X	Wiring Harness (Coupe)	1
FR3Z-14A411-Y	Wiring Harness (Convertible)	1
NAI837X	Coroplast Electrical Wire Harness Tape	1

Warranty Status: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage
Warranty/ESP coverage limits/policies/prior approvals are not altered by a TSB. Warranty/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

Labor Times

Description	Operation No.	Time
2015-2017 Mustang Coupe: Retrieve DTCs, Inspect And Repair Wire Harness Following The Service Procedure (Do Not Use With Any Other Labor Operations)	182362A	1.2 Hrs.
2015-2017 Mustang Convertible: Retrieve DTCs, Inspect And Repair Wire Harness Following The Service Procedure (Do Not Use With Any Other Labor Operations)	182362B	2.8 Hrs.

Repair/Claim Coding

Causal Part:	14A005
Condition Code:	30

Tool List

Drive	Tool Name
1/4"	Power Tool
1/4"	Ratchet
1/4"	Torque Wrench
1/4"	2" Extension
1/4"	7 mm Socket
1/4"	8 mm Socket
1/4"	10 mm Socket
1/4"	13 mm Socket
1/4"	Torx® T20
1/4"	Torx® T40
3/8"	Power Tool
3/8"	Ratchet
3/8"	Torque Wrench
3/8"	15 mm Swivel Socket
	Trim Tool
	Solder Gun
	Wire Strippers
	Diagonal Cutting Pliers

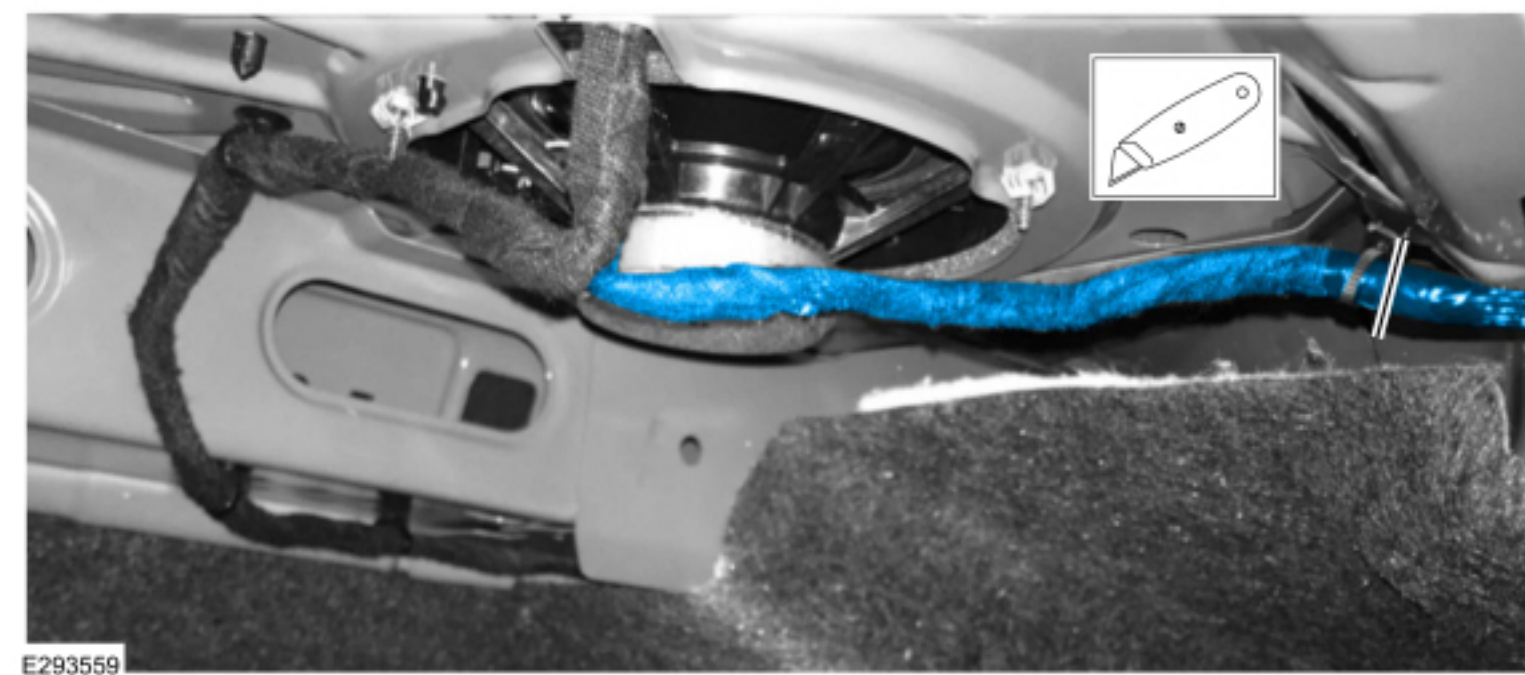
Service Procedure

- Does the vehicle exhibit an inoperative rear parking aid camera, luggage compartment lamp, luggage compartment lid release and/or poor satellite radio reception?
 - Yes - proceed to Step 3.
 - No - proceed to Step 2.
- Using the appropriate Ford diagnostic scan tool or equivalent, retrieve DTCs. Is B115E, C1001, or B1A89 stored in the vehicle?
 - Yes - proceed to Step 3.
 - No - this article does not apply. Refer to Workshop Manual (WSM), Section 415-00 for normal diagnostics.
- Inspect the wiring harness on the underside of the luggage compartment lid. Is there evidence of wiring damage or chafing?
 - Yes - proceed to the appropriate coupe or convertible procedure.
 - No - this article does not apply. Refer to Workshop Manual (WSM), Section 415-00 for normal diagnostics.

Coupe

- Cut out the damaged section of the harness. Make the cut at the location of the harness noted. (Figure 1)

Figure 1

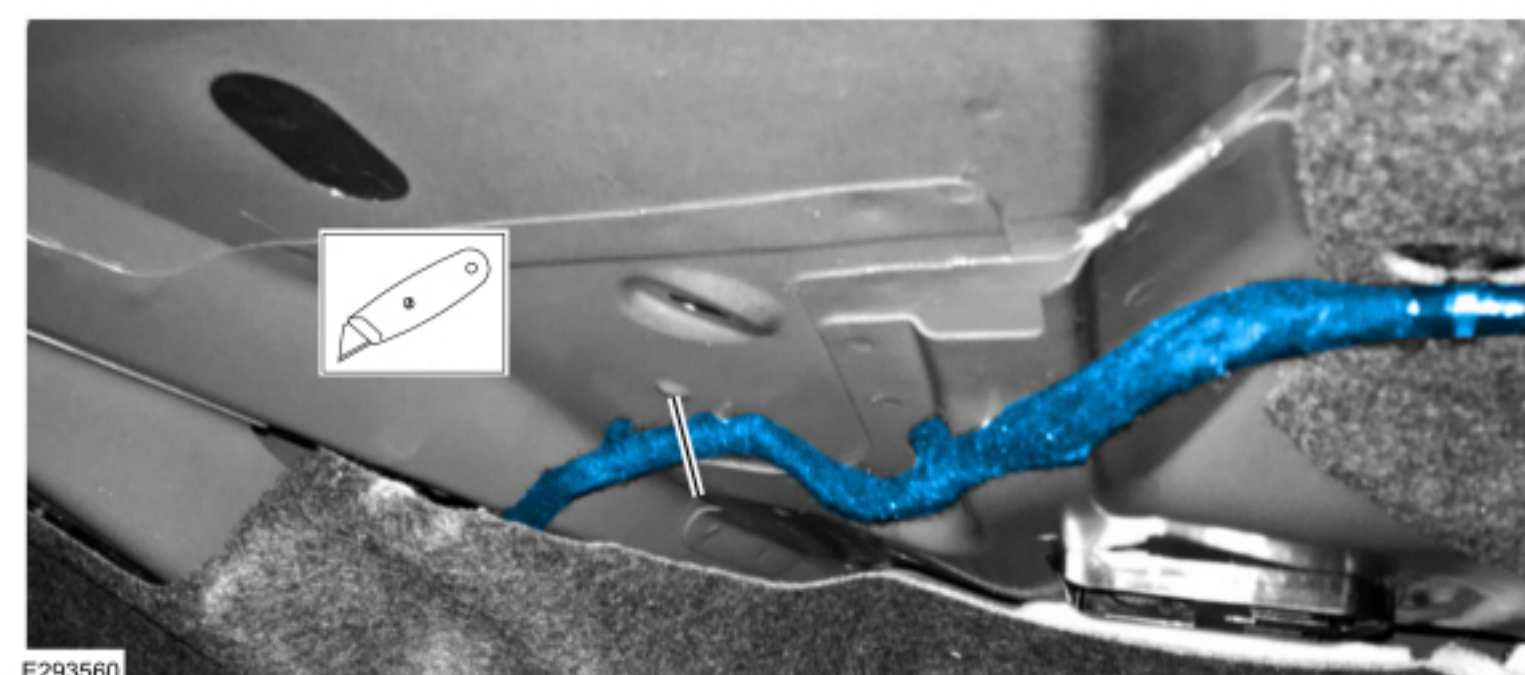


- Splice in the new section of harness, matching wire colors on the existing vehicle harness and the replacement section of harness as necessary. Follow the recommended wiring splice procedures in Section 5 of the Wiring Diagram. Stagger the location of each of the wire splices along the harness to minimize the overall size of the repair.
- Wrap the spliced area in Coroplast Electrical Wire Harness Tape or equivalent.
- Secure the replacement section of harness into the same body holes as the original section of harness was using the clips attached to the replacement section of harness.
- If DTCs were previously present, connect the appropriate Ford scan tool or equivalent to the DLC and clear all DTCs.

Convertible

- Cut out the damaged section of the harness. Make the cut at the location of the harness noted. (Figure 2)

Figure 2



- Splice in the new section of harness, matching wire colors on the existing vehicle harness and the replacement section of harness as necessary. Follow the recommended wiring splice procedures in Section 5 of the Wiring Diagram. Stagger the location of each of the wire splices along the harness to minimize the overall size of the repair.
 - Note: While it is necessary to cut and remove a section of the old satellite radio antenna cable along with the rest of the harness, it is not necessary to splice the satellite radio antenna cable where the harness is cut. The satellite radio antenna cable provided with the new harness is long enough to overlay the entire length of the old cable.
- Remove the existing ground on this section of the harness from the body of the vehicle. Reinstall the ground on the new section of harness to the body of the vehicle.
- Overlay the satellite radio antenna cable included with the new section of harness. Refer to WSM, Section 415-00B, Satellite Radio Antenna, Removal and Installation.
- Wrap the spliced area in Coroplast Electrical Wire Harness Tape or equivalent.
- Secure the replacement section of harness into the same body holes as the original section of harness using the clips attached to the replacement section of harness.
- If DTCs were previously present, clear all DTCs with the appropriate Ford diagnostic scan tool or equivalent.