



Michael A. Berardi
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Ford Motor Company
P. O. Box 1904
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June 24, 2015

TO: All U.S. Ford and Lincoln Dealers

SUBJECT: **DEMONSTRATION / DELIVERY HOLD - Safety Recall 15S19**
Certain 2015 Model Year Mustang Vehicles Equipped with 2.3L Engines
Fuel Tank, Vapor Line, and Parking Brake Cable Heat Shielding

REF: **DEMONSTRATION / DELIVERY HOLD Advance Notice - Safety Recall 15S19**
Dated May 26, 2015

AFFECTED VEHICLES

Vehicle	Model Year	Assembly Plant	Build Dates
Mustang 2.3L	2015	Flat Rock	February 14, 2014 through February 10, 2015

Affected vehicles are identified in OASIS and FSA VIN list.

REASON FOR THIS SAFETY RECALL

In some of the affected vehicles, the underbody temperature may exceed design limits under certain driving conditions. If the fuel tank and vapor lines are exposed to elevated temperatures for a prolonged period of time, they may develop a fuel or vapor leak. A fuel leak in the presence of an ignition source can lead to a fire. If the parking brake cables are exposed to elevated temperatures for a prolonged period of time, the parking brake may not engage or disengage correctly, and may fail to hold the vehicle on a hill. As a result, the vehicle may move unexpectedly, which may increase the risk of injury.

SERVICE ACTION

Before demonstrating or delivering any of the vehicles involved in this recall, dealers are to replace the fuel tank shield, install thermal patches on the fuel tank and parking brake cable, and install thermal wraps on the vapor lines. This service must be performed on all affected vehicles at no charge to the vehicle owner.

OWNER NOTIFICATION MAILING SCHEDULE

Owner Letters are expected to be mailed the week of July 6, 2015. Dealers should repair any affected vehicles that arrive at their dealerships, whether or not the customer has received a letter.

PLEASE NOTE:

Federal law requires dealers to complete this recall service before a new vehicle is delivered to the buyer or lessee. Violation of this requirement by a dealer could result in a civil penalty of up to \$7,000 per vehicle. Correct all vehicles in your new vehicle inventory before delivery.

ATTACHMENTS

- Attachment I: Administrative Information
- Attachment II: Labor Allowances and Parts Ordering Information
- Attachment III: Technical Information
- Owner Notification Letter

QUESTIONS & ASSISTANCE

Special Service Support Center (Dealer Assistance Only)1-800-325-5621

Sincerely,

A handwritten signature in black ink, appearing to read "Michael A. Berardi". The signature is fluid and cursive, with a prominent initial "M".

Michael A. Berardi

DEMONSTRATION / DELIVERY HOLD - Safety Recall 15S19
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OASIS ACTIVATED?

Yes, OASIS was activated on May 26, 2015.

FSA VIN LIST ACTIVATED?

Yes, FSA VIN list was available through <https://web.fsavinlists.dealerconnection.com> on May 26, 2015. Owner names and addresses will be available by July 24, 2015.

NOTE: Your FSA VIN list may contain owner names and addresses obtained from motor vehicle registration records. The use of such motor vehicle registration data for any purpose other than in connection with this recall is a violation of law in several states, provinces, and countries.

Accordingly, you must limit the use of this listing to the follow-up necessary to complete this recall.

STOCK VEHICLES

Correct all affected units in your new vehicle inventory before delivery.

SOLD VEHICLES

- Owners of affected vehicles will be directed to dealers for repairs.
- Immediately contact any of your affected customers whose vehicles are not on your VIN list but are identified in OASIS. Give the customer a copy of the Owner Notification Letter (when available) and schedule a service date.
- Correct other affected vehicles identified in OASIS which are brought to your dealership.

TITLE BRANDED / SALVAGED VEHICLES

Affected title branded and salvaged vehicles are eligible for this recall.

ADDITIONAL LABOR TIME AND/OR PARTS

Contact the Special Service Support Center (SSSC) if you have any of the following:

- Damage that you believe was caused by the covered condition.
- A condition that requires additional labor and/or parts to complete the repair.
- Aftermarket equipment or non-Ford modifications to the vehicle which might prevent the repair of the covered condition.

Contact the SSSC **prior** to the repair. Please be prepared to provide your requested additional warranty part cost, estimated additional labor time, and dealer specific labor rate. Requests for approval after completion of the repair may not be granted. Ford Motor Company reserves the right to deny coverage for related damage in cases where the vehicle owner has not had this recall performed on a timely basis. Additional related damage parts are subject to random selection for return to the Ford Warranty Parts Analysis Center (WPAC).

OWNER REFUNDS

Refunds are not approved for this program.

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RENTAL VEHICLES

The use of rental vehicles is not approved for this program.

CLAIMS PREPARATION AND SUBMISSION

- Enter claims using Direct Warranty Entry (DWE) or One Warranty Solution (OWS).
 - DWE: refer to ACESII manual for claims preparation and submission information.
 - OWS: when entering claims in DMS software, select claim type 31: Field Service Action. The FSA number (15S19) is the sub code.
- Additional labor and/or parts must be claimed as related damage on a repair line that is separate from the repair line on which the FSA is claimed. Additional labor and/or parts require prior approval from the Special Service Support Center.

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 Certain 2015 Model Year Mustang Vehicles Equipped with 2.3L Engines
 Fuel Tank, Vapor Line, and Parking Brake Cable Heat Shielding

LABOR ALLOWANCES

Description	Labor Operation	Labor Time
Coupe: Replace fuel tank shield, install thermal patches on fuel tank and parking brake cable, and install thermal wraps on vapor lines	15S19B	2.1 Hours
Convertible: Replace fuel tank shield, install thermal patches on fuel tank and parking brake cable, and install thermal wraps on vapor lines	15S19C	2.8 Hours

PARTS REQUIREMENTS / ORDERING INFORMATION

Part Number	Description	Quantity
FR3Z-9A032-B	Fuel tank shield	1
FR3Z-9B149-A	Thermal patch kit – fuel tank	1
FR3Z-2B085-A	Thermal patch – parking brake cable	1
FR3Z-9B149-B	Thermal wrap kit – vapor lines	1
TA-25-B*	Blue liquid threadlock and sealer	1

*Or equivalent medium-strength liquid threadlock.

The DOR/COR number for this recall is 50601.

Order your parts requirements through normal order processing channels.

Questions regarding parts should be directed to the Special Service Support Center (1-800-325-5621) or E-mailed to: Ford@Renkim.com.

DEALER PRICE

For latest prices, refer to DOES II.

PARTS RETENTION AND RETURN

Follow the provisions of the Warranty and Policy Manual, Section 1 "WARRANTY PARTS RETENTION AND RETURN POLICIES."

EXCESS STOCK RETURN

Excess stock returned for credit must have been purchased from Ford Customer Service Division in accordance with Policy Procedure Bulletin 4000.

CERTAIN 2015 MODEL YEAR MUSTANG VEHICLES EQUIPPED WITH 2.3L ENGINES — FUEL TANK, VAPOR LINE, AND PARKING BRAKE CABLE HEAT SHIELDING

OVERVIEW

In some of the affected vehicles, the underbody temperature may exceed design limits under certain driving conditions. If the fuel tank and vapor lines are exposed to elevated temperatures for a prolonged period of time, they may develop a fuel or vapor leak. A fuel leak in the presence of an ignition source can lead to a fire. If the parking brake cables are exposed to elevated temperatures for a prolonged period of time, the parking brake may not engage or disengage correctly, and may fail to hold the vehicle on a hill. As a result, the vehicle may move unexpectedly, which may increase the risk of injury. Dealers are to replace the fuel tank shield, install thermal patches on the fuel tank and parking brake cable, and install thermal wraps on the vapor lines.

SERVICE PROCEDURE

NOTE: Removal of the fuel tank strap retaining bolts requires the use of a TP50 driver socket and air tools. Failure to utilize the appropriate equipment can result in complications during bolt removal.

1. Remove the fuel tank. Please follow the Workshop Manual (WSM) procedures in Section 310-01.
2. Remove the fuel tank shield by pulling to release the adhesive strips that secure the shield to the tank. See Figure 1.

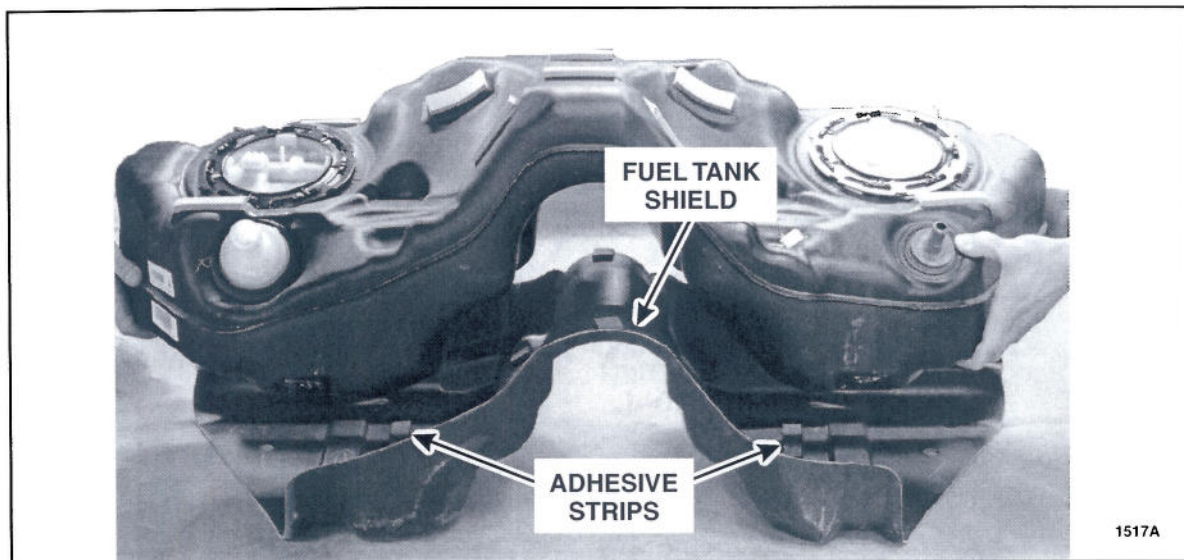


FIGURE 1

3. Clean the adhesive material from the underside of the fuel tank.



4. Remove the protective film from the *new* fuel tank shield adhesive strips and set the fuel tank into the *new* fuel tank shield. See Figure 2.

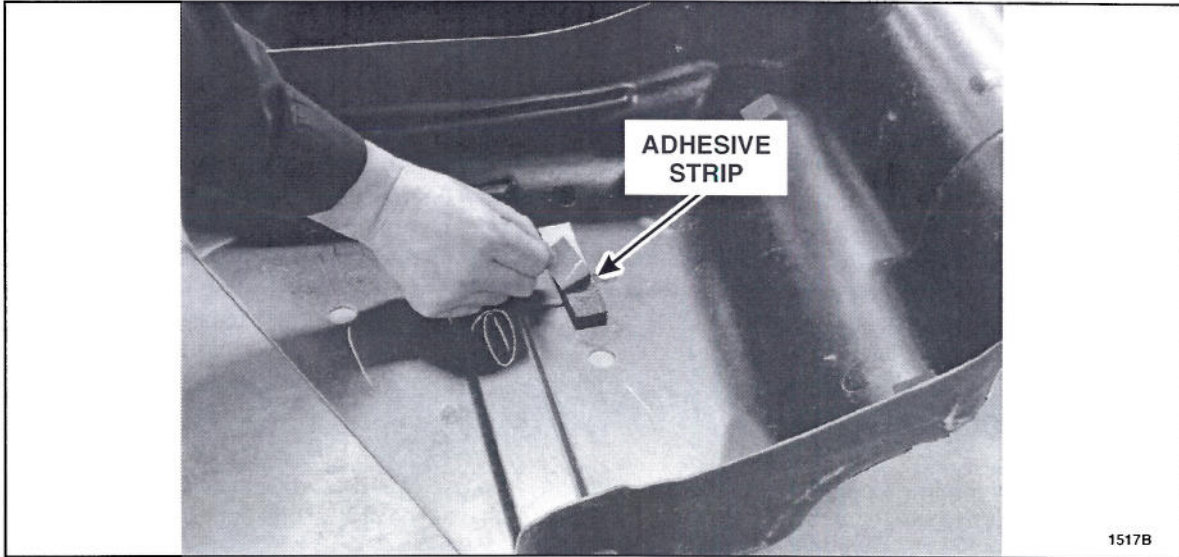


FIGURE 2

NOTE: The *new* fuel tank shield should overlap the existing thermal patch at the front of the tank.
See Figure 3.



FIGURE 3



5. Apply *new* thermal patch over the existing thermal patch at the front of the fuel tank. See Figure 4.

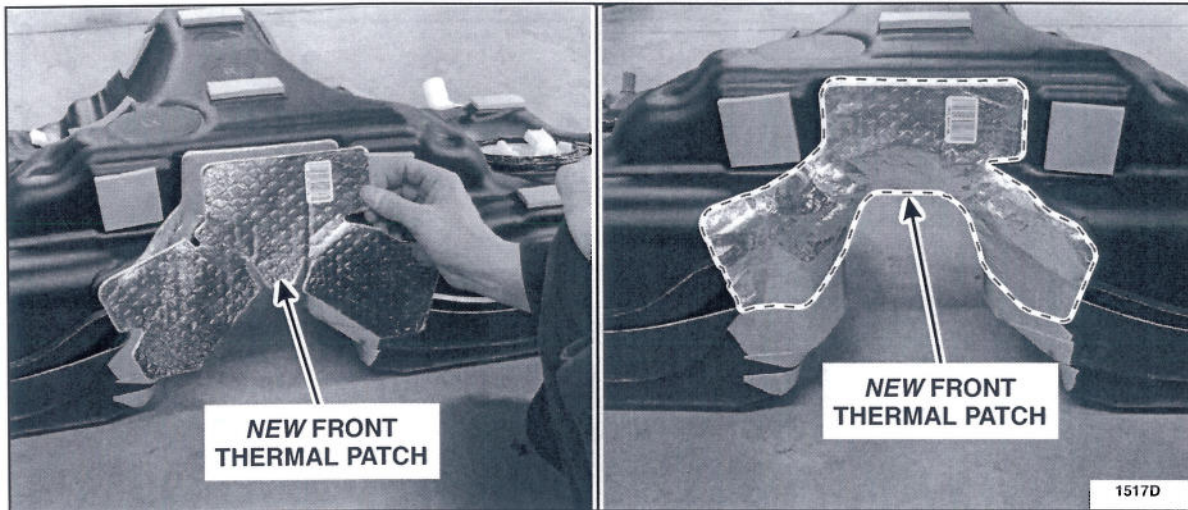


FIGURE 4

6. Apply the *new* smaller thermal patch over the gap between the tunnel heat shield and *new* front thermal patch. See Figure 5.

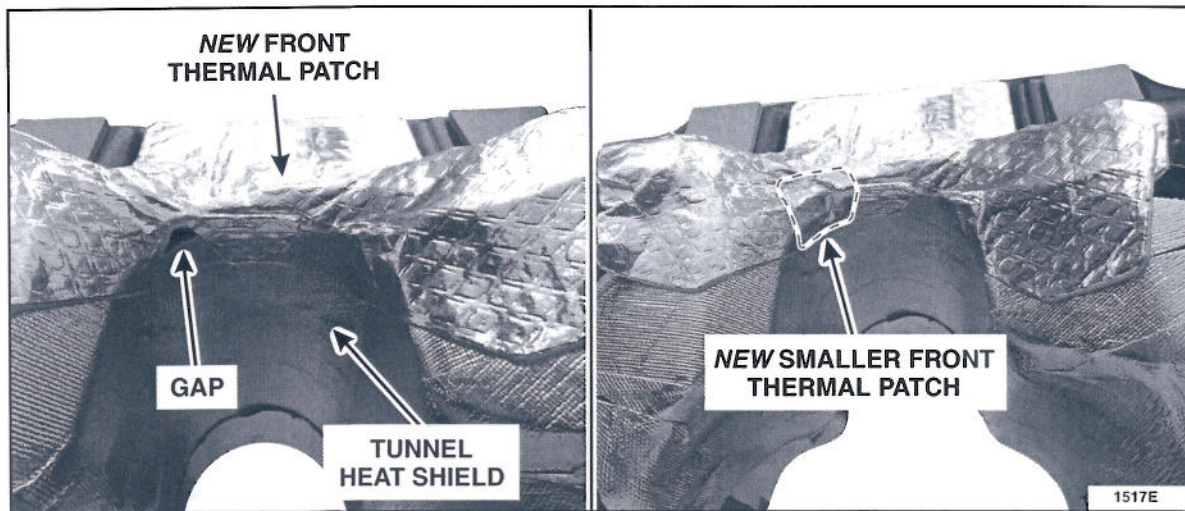


FIGURE 5



7. Apply *new* thermal patch to the rear of the tank. See Figure 6.

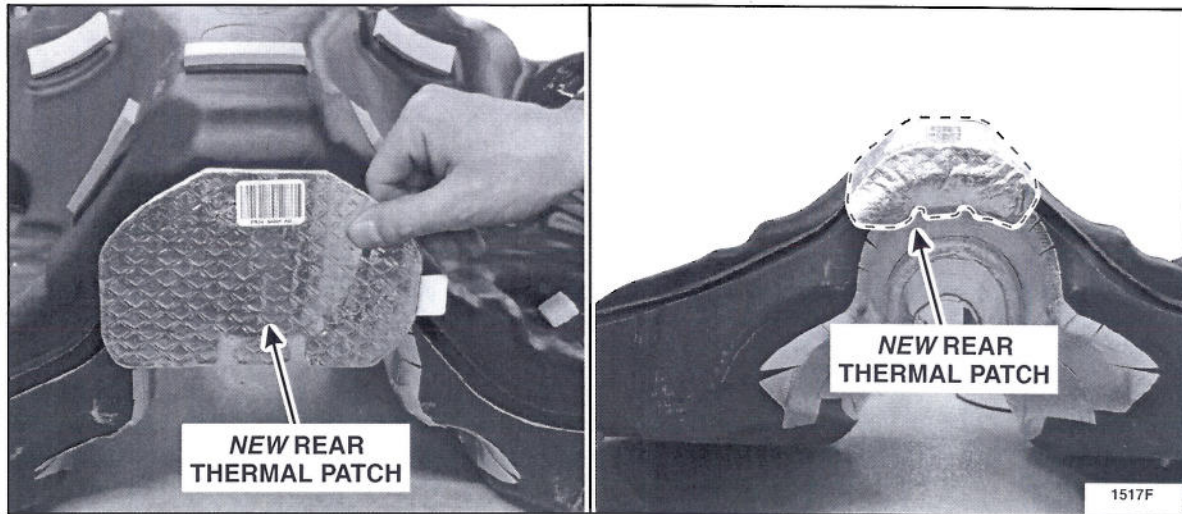


FIGURE 6

NOTICE: When installing the fuel tank strap bolts, care must be taken to ensure that the bolts are not threaded on an angle. The rear subframe promotes an angled approach when using an extension tool. If the weld nut becomes cross-threaded, use a tap to repair the threads as necessary.

8. Install the fuel tank. Please follow the WSM procedures in Section 310-01.

NOTE: Do not install the muffler and tail pipe assembly until after the vapor line thermal wraps have been installed.

NOTE: Ensure there is no contact between the patch and the moving parts of the cable.

9. Apply *new* thermal patch over the parking brake cable retention collars. See Figure 7.

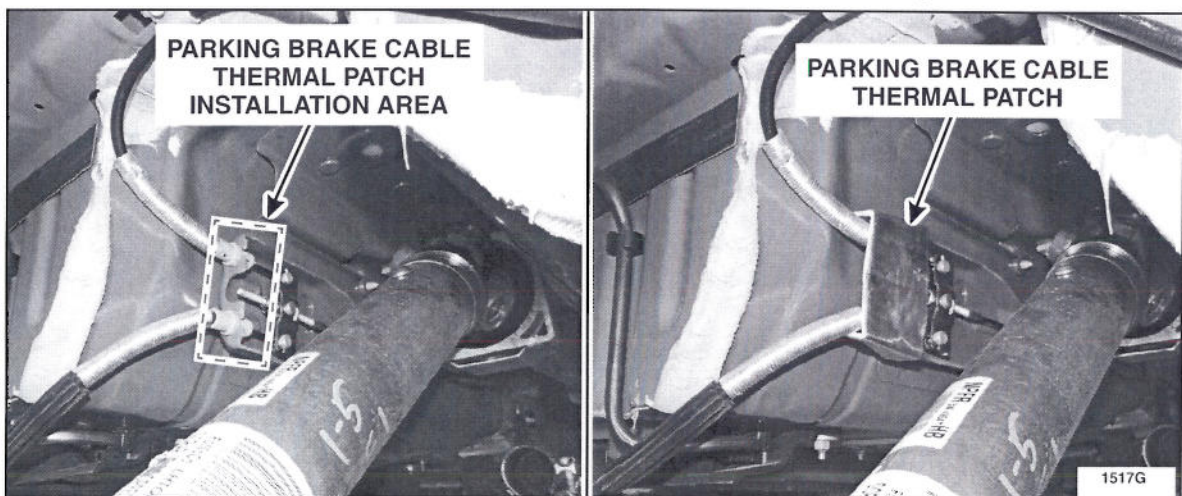


FIGURE 7



NOTE: The vapor lines may be pulled out of the retaining clip attached to the body to help ease installation of the thermal wraps.

10. Install the thermal wraps onto the vapor lines above the rear sway bar. For steps 10b-10d, gradually slide the thermal wraps over the vapor lines, peeling back the protective film and folding the adhesive flap over to seal the wrap over the vapor line. See Figures 8 through 11.
 - a. Remove the fresh-air hose from the rear subframe and slide the thermal wrap (19mm dia. x 300mm) over the hose. Reinstall the fresh-air hose to the frame rail.
 - b. Install thermal wrap (19mm dia. x 365mm) to canister load line.
 - c. Install thermal wrap (13mm dia. x 350mm) to canister recirculation line.
 - d. Install thermal wrap (13mm dia. x 320mm) to purge line.

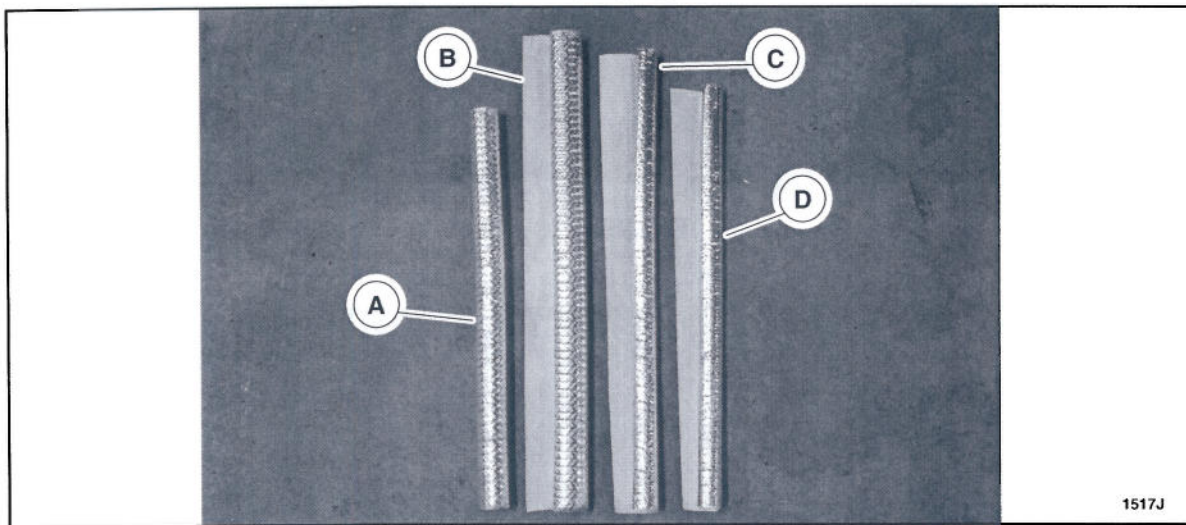


FIGURE 8

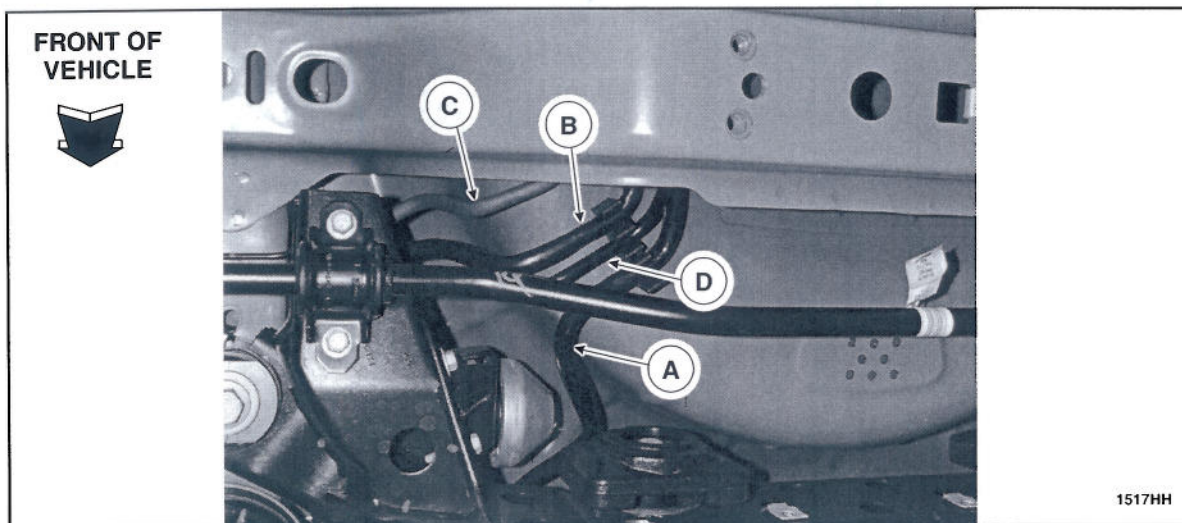


FIGURE 9



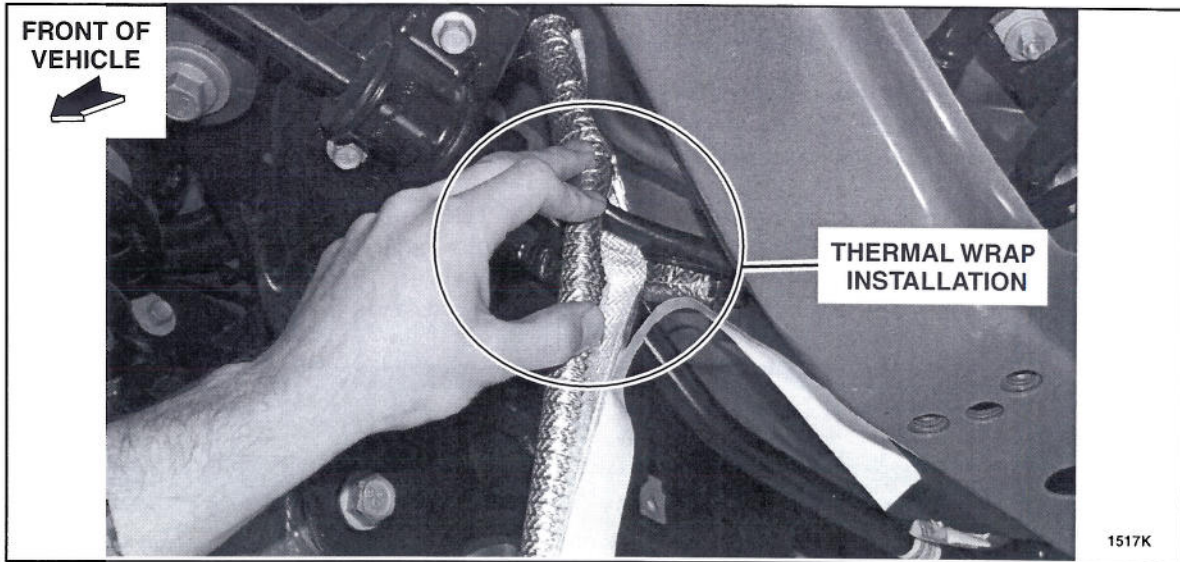


FIGURE 10

NOTE: See Figure 11a for convertible vehicles, and Figure 11b for coupe vehicles.

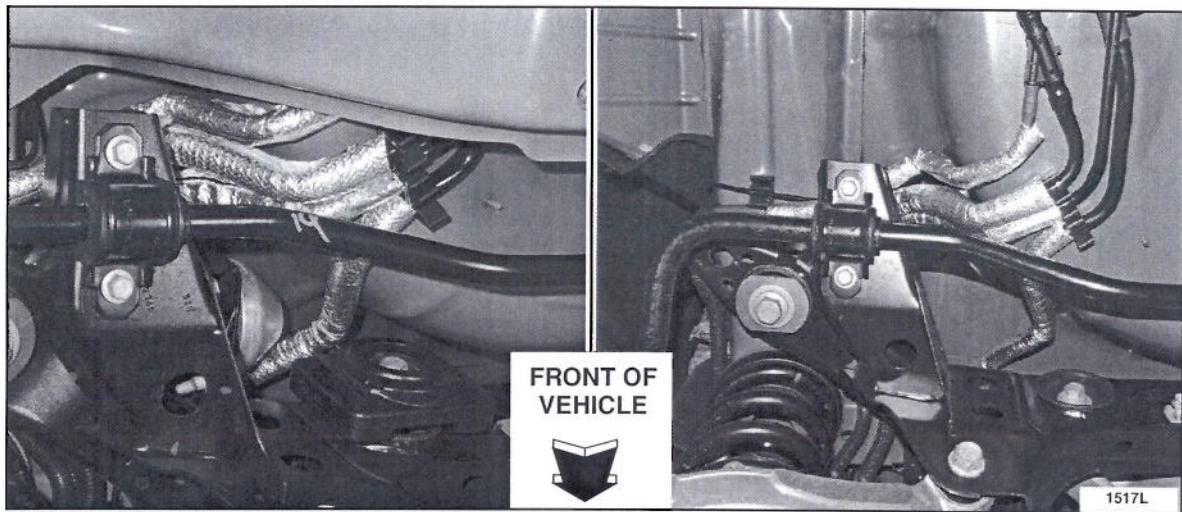


FIGURE 11a

FIGURE 11b

