



Countries: UNITED STATES, MEXICO Document ID: IK0700122
Availability: ISIS, NotSIR Revision: 0
Major System: EXHAUST Created: 5/17/2023
Current Language: English Last Modified: 5/17/2023
Other Languages: NONE Author: Jaime Romo
Viewed: 55

[Less Info](#)

Hide Details

Coding Information

Copy Link	Copy Relative Link	Bookmark	Add to Favorites	Print	Provide Feedback	Helpful	Not Helpful
		 View My Bookmarks				 2	 0

Title: HV Exhaust Sidestep Heat shield Latching Area Cracking

Applies To: HV

CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

05/17/2023 - Initial Article Release

DESCRIPTION

This document will guide the user through an inspection of the exhaust heat shield near the side steps of the passenger-side when presenting issues at the latching/bolting area.

SYMPTOM(s)

DTC/Light	Description
N/A	N/A

Customer Observations or Concerns:
Rattle/vibration coming from passenger side exhaust heat shield
Missing exhaust heat shield

SERVICE PARTS INFORMATION

Kit Description	Part Number	Quantity Required	Notes

Steel washer 3/8" X 1-1/2" zinc chrome Steel Thickness 0.060"	ODG5629	2	Locally Source
SHIELD,HEAT	4310453C1	1	If Needed

DIAGNOSTIC STEP(s)

 WARNING:	
To prevent personal injury and /or death, or damage to property, allow components in engine compartment to cool before servicing engine or vehicle.	

 WARNING:	
To prevent personal injury and / or death, or damage to property, park vehicle on hard flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in both directions.	

 WARNING:	
To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.	

1. Park vehicle on flat surface.
2. Shift transmission into Park or Neutral and set parking brake.
3. Turn ignition to Key OFF position.
4. Install wheel chocks.

Step	Action	Decision
5	DIAGNOSTIC: Remove bolt that secures heat shield and inspect passenger-side exhaust heat shield near the latching/bolting area. Is the latching/bolting area broken or cracked?	Yes. If the heat shield is cracked or broken near the latching area proceed with this article.
		No. Perform an exhaust inspection to find the source of the exhaust rattle/vibration

REPAIR STEP(s)

6. Complete inspection of the exhaust heat shield.

- a. If exhaust heat shield is cracked, go to Step 7.
- b. If exhaust heat shield is missing, go to Step 11.

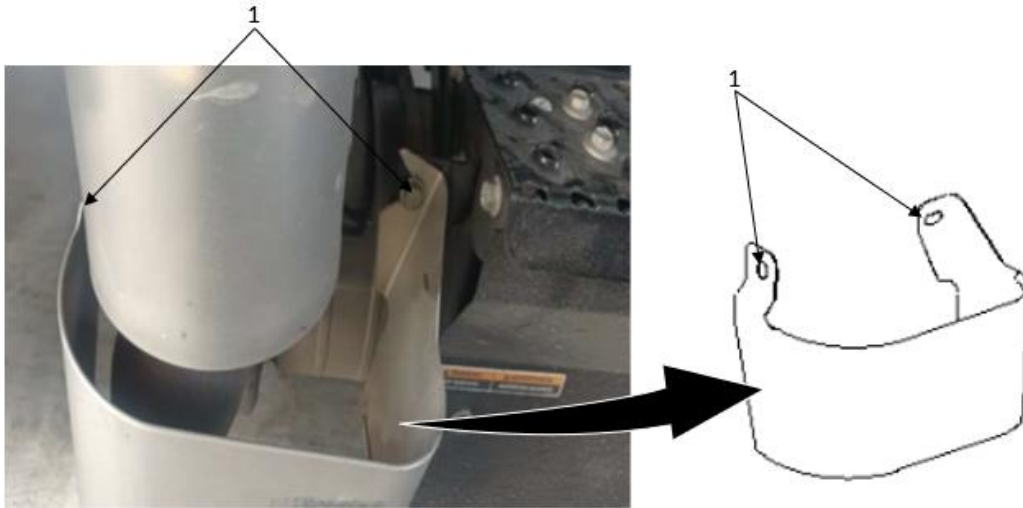


Figure 1. Exhaust Heat Shield

1. Latching bolt (2)

7. Remove latching bolts and washers (Figure 1, Item 1) save bolt, washer and heat shield for reuse.

8. Add new washers to the latching bolts (Steel washer 3/8" X 1-1/2" zinc chrome Steel Thickness 0.060")



Figure 2. Exhaust Heat Shield

1. Latching bolt, original washer and new washer

9. Install and secure exhaust heat shield using previously removed latching bolts with washers including the new washer (Figure 2, Item 1).

10. Using a torque wrench, tighten latching bolts (Figure 1, Item 1) to 23 lb-ft (31.18 Nm). Go to Step 14.

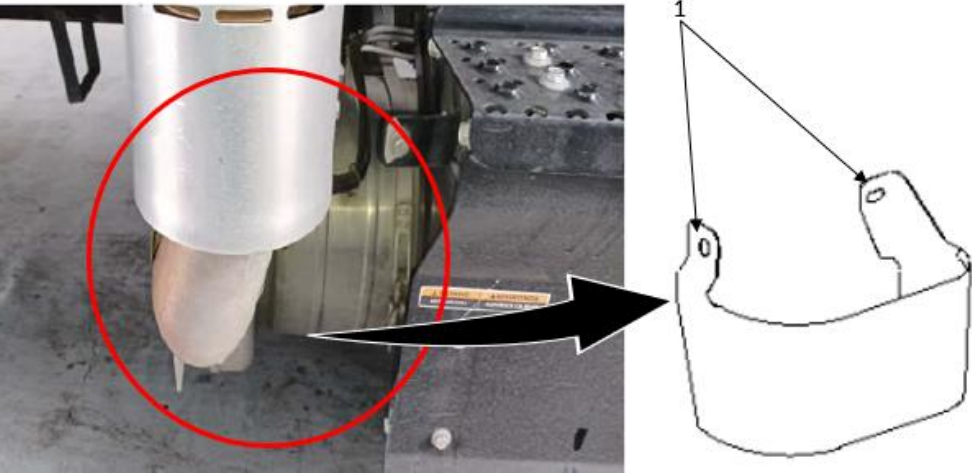


Figure 3. Exhaust Heat Shield Missing

1. Latching bolt (2) and washer (2)
11. Remove latching bolts that were holding the exhaust heat shield. Save bolts and washers for reuse.
12. Install new heat shield and secure exhaust heat shield using previously removed latching bolts with washers including the new washer (Figure 3, Item 1).
13. Using a torque wrench, tighten latching bolts (Figure 1, Item 1) to 23 lb-ft (31.18 Nm).
14. Remove wheel chocks.

WARRANTY INFORMATION

Warranty Claim Coding:

Refer to the [Warranty Coding Manual](#) for Group and Noun Codes.

Standard Repair Time(s):

Refer to the [SRT Manual](#) for Repair Times

OTHER RESOURCES

[Master Service Information Site](#)

 Hide Details

Feedback Information	
Viewed:	54
Helpful:	2
Not Helpful:	0
No Feedback Found	