



Service Bulletin No. 3072

MODEL D Series Coaches	TYPE Product Improvement	SECTION/GROUP 7 – Electrical	DATE Aug. 3, 2012
SUBJECT ALLISON TRANSMISSION HARNESS ROUTING AND LOOM			
CONDITIONS Parts may be purchased from MCI Service Parts, Louisville, Kentucky.			

Description:

The following MCI service bulletin outlines the necessary procedure steps to re-route and replace the existing Allison transmission interface harness wire loom and p-clips, in the event that loom damage or chafing has occurred. This retrofit kit is applicable to D series coaches equipped with Allison transmissions in the range of, and including, unit numbers 57419 to 59859.

NOTICE

MCI recommends that customers thoroughly inspect the transmission interface harness loom for damage or chafing every 6000 miles / 9000 km, or every engine oil change (whichever service interval occurs first).

Parts

Qty.	New P/N	Description
1	26-07-0038	Kit, Transmission Harness Routing, Allison B500
		<i>Kit Contents Are:</i>
4	07-08-4525	Tie Base, Large
1	07-08-4526	Tie Base, Small
6	07-08-4527	Cable Tie, Heavy Duty
4	07-08-4535	Cover, Loom
1	19-11-258	Tyrap
1	19-1-694	Screw, #8
1	19-3-111	Nut
1	19-2-73	Lock Washer
1	19-2-19	Washer
4	19-1-825	Screw, #10
4	19-3-228	Nut
4	19-02-6035	Washer
4	19-02-6063	Washer

Service Information:

1. New parts will be available for service replacement.

Service Procedure:

⚠ WARNING

Read this entire procedure before beginning work.

Use Safe Shop Practices At All Times.

⚠ WARNING

To avoid personal injury, never enter or perform work in the engine compartment prior to positioning the ENGINE RUN and ENGINE START switches on the engine compartment remote control box to the OFF position. Allow enough time for components to cool down prior to working in the engine compartment.

1. Turn the main battery disconnect switch to the OFF position.
2. Chock both sides of the tires.
3. Remove and retain the p-clamp from the harness (refer to Figure 1). Discard mounting hardware.



Figure 1.

4. Using the p-clamp removed in Step 3. , mount the tie base, p/n 07-08-4525, using hardware p/n's 19-1-825, 19-3-228, 19-02-6063 and 19-02-6035 (refer to Figure 2).

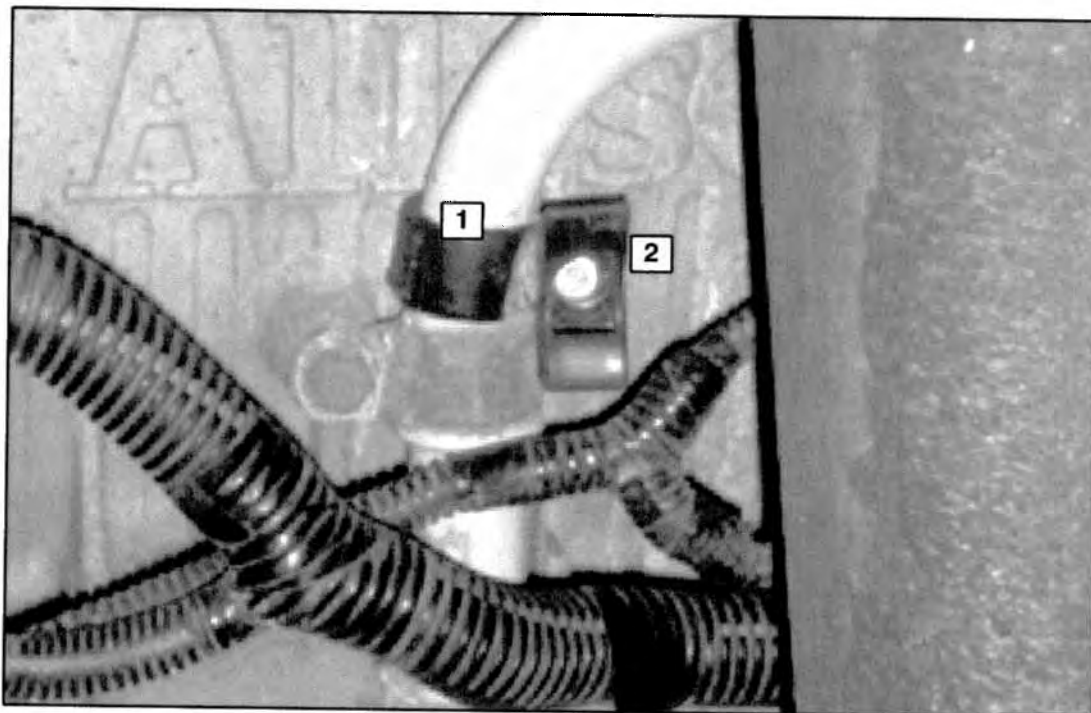


Figure 2.

ITEM	DESCRIPTION
1	Existing p-clamp removed in Step 4
2	Tie base, p/n 07-08- -4525

5. Orient and mount the tie base, p/n 07-08-4525, using hardware p/n's 19-1-825, 19-3-228, 19-02-6063 and 19-02-6035 at the locations shown in Figures 3, 4 and 5.

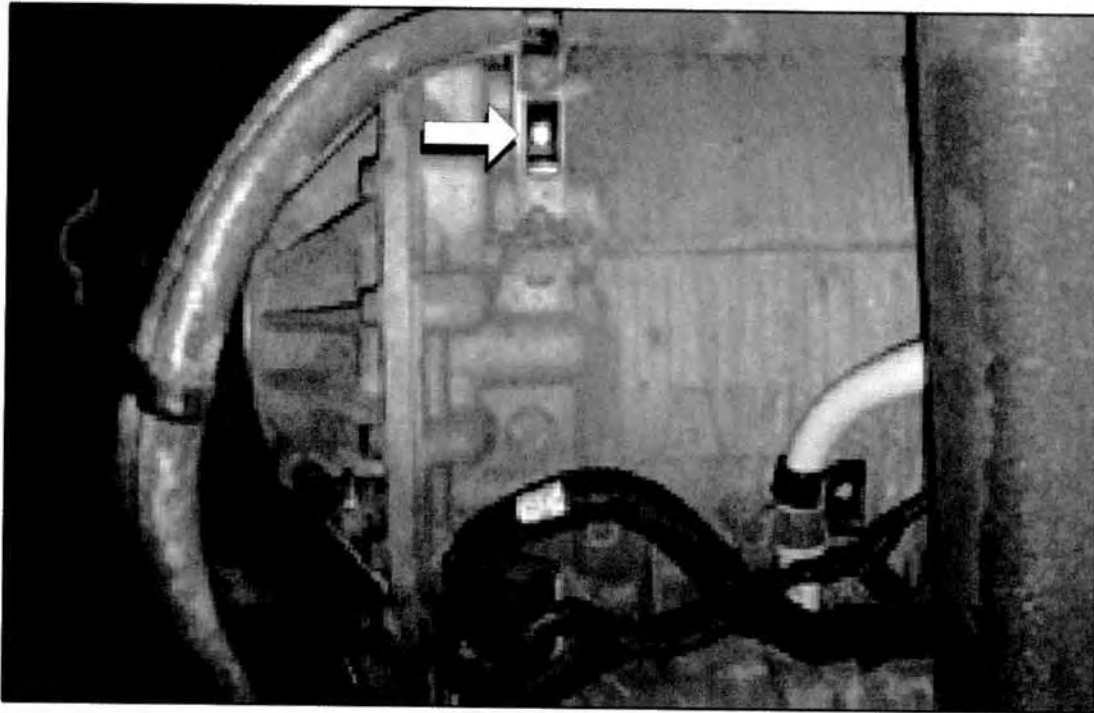


Figure 3. Tie base installation.

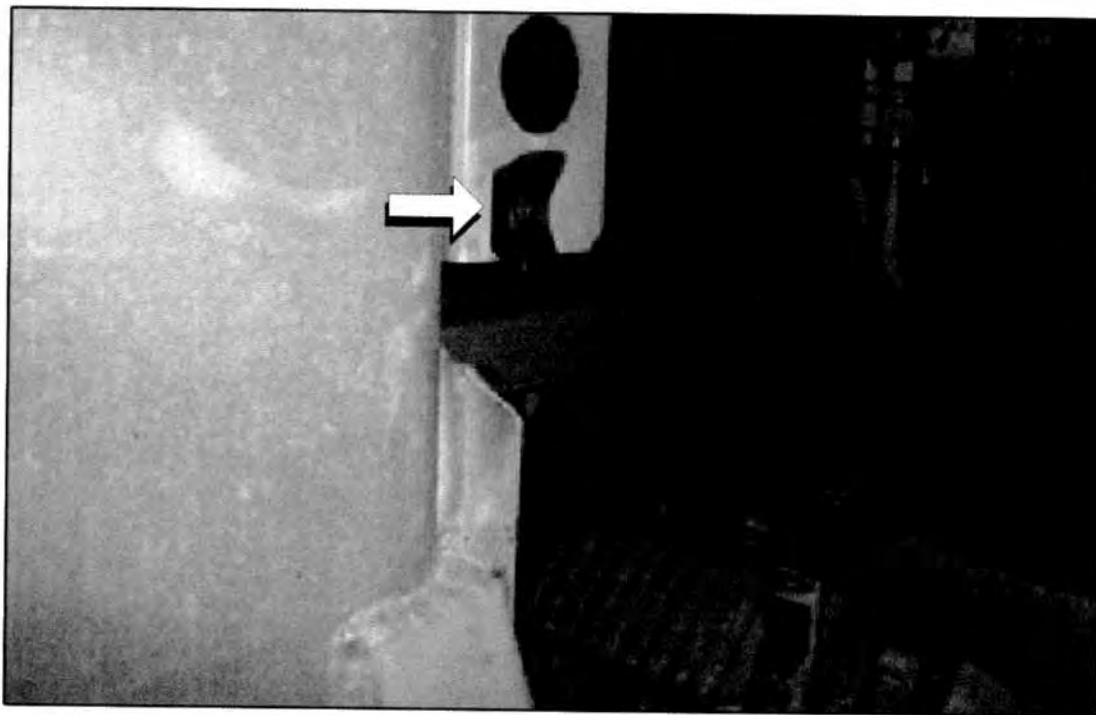


Figure 4. Tie base installation.

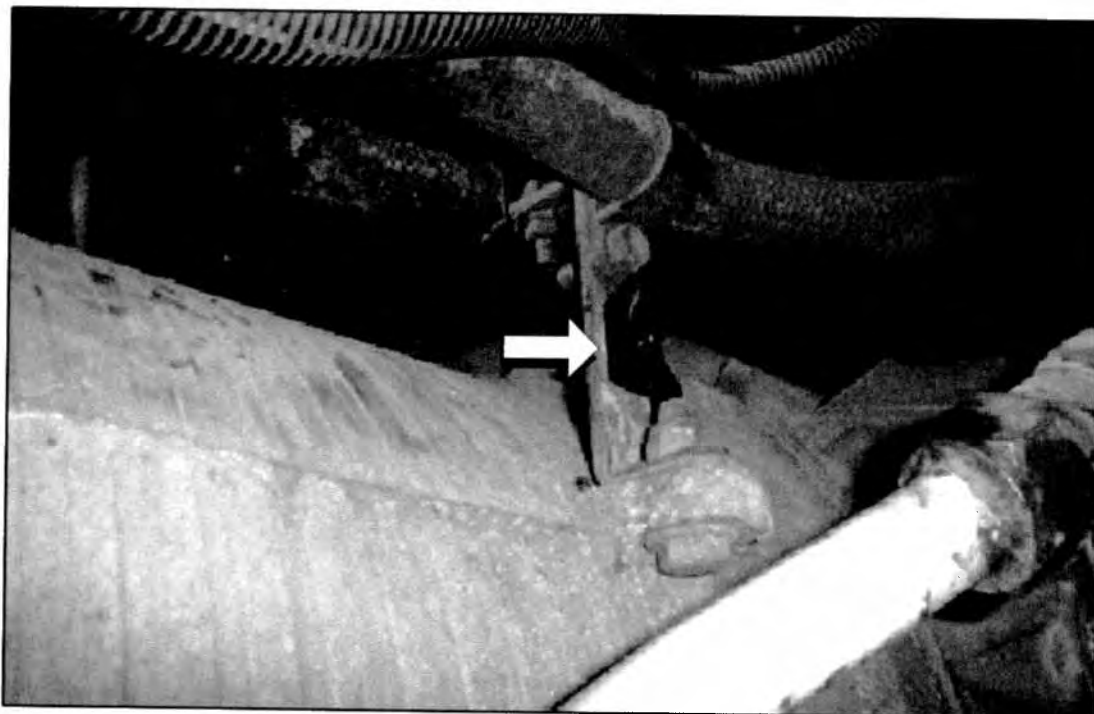


Figure 5. Tie base installation.

6. Orient and mount the tie base, p/n 07-08-4526, using hardware p/n's 19-1-694, 19-3-111, 19-2-73 and 19-2-19 at the location shown in Figure 6.

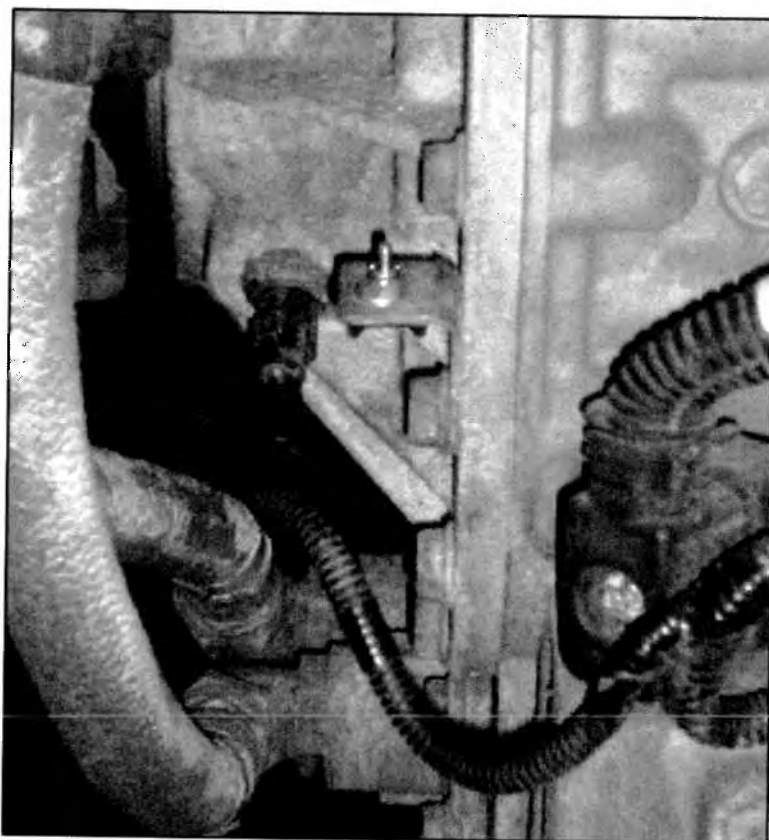


Figure 6.

7. Route and secure the harness as shown in Figure 7.

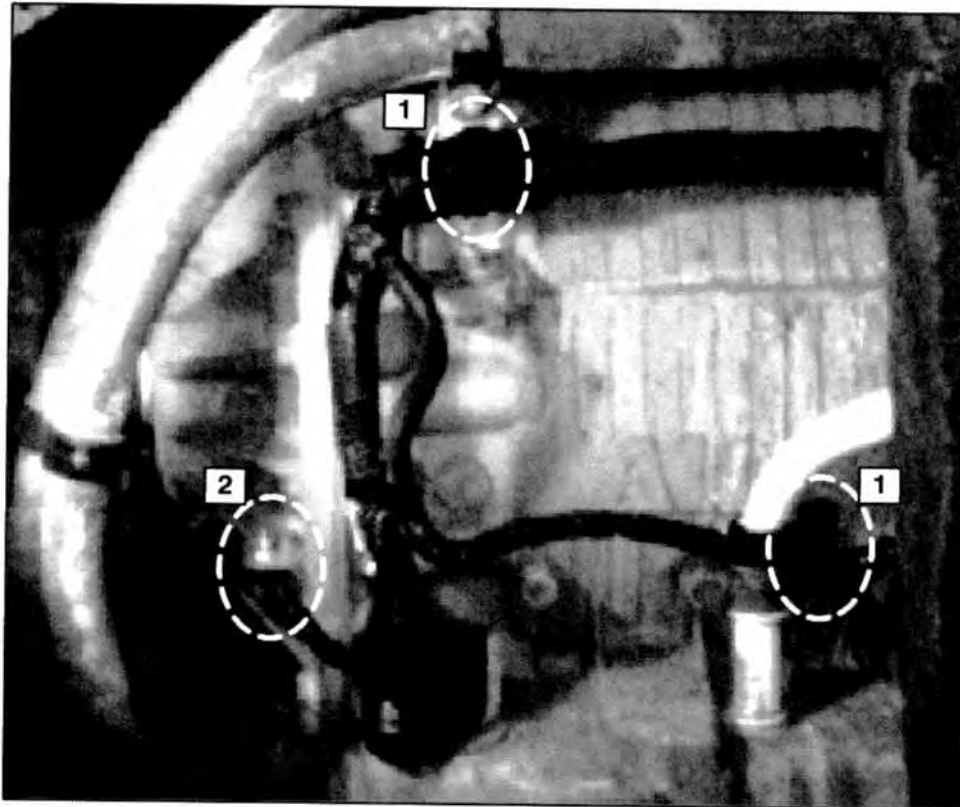


Figure 7.

<u>ITEM</u>	<u>DESCRIPTION</u>
1	Secure harness using p/n 07-08-4527 and 07-08-4535
2	Secure harness using p/n 19-11-258

8. Route and secure the harness as shown in Figure 8.

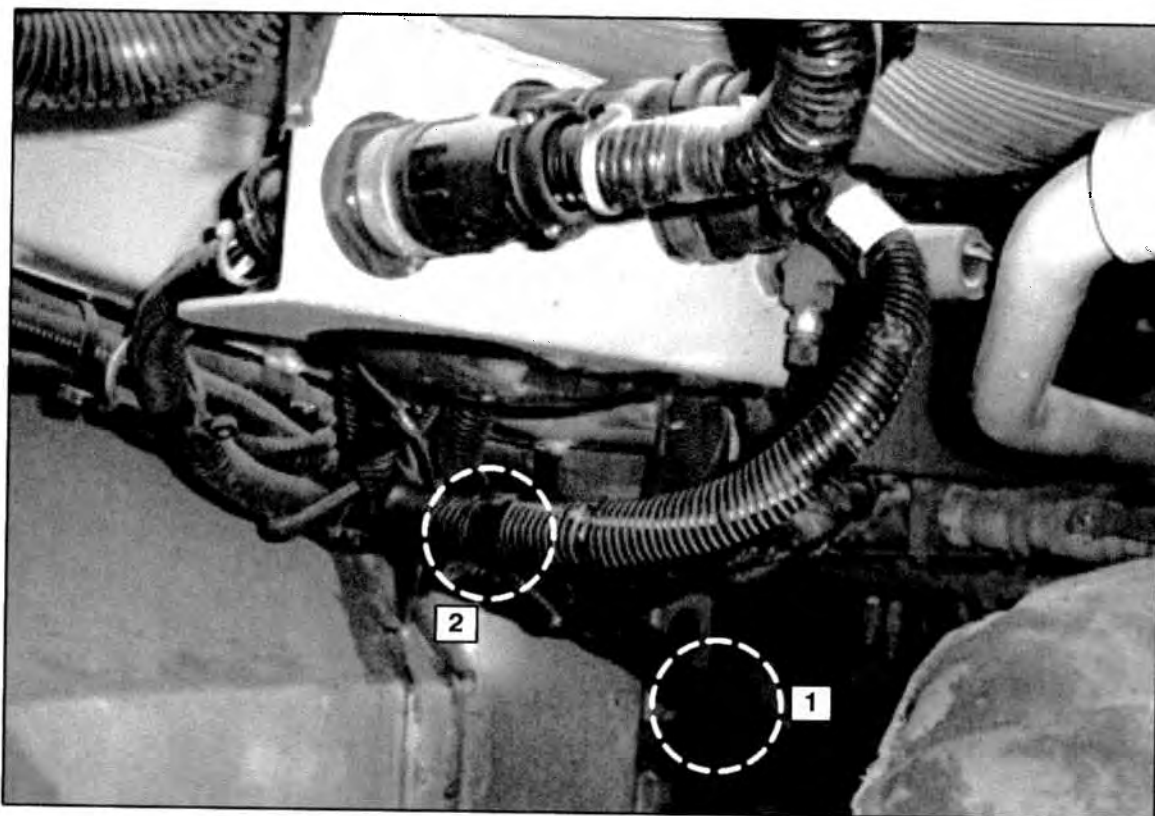


Figure 8.

<u>ITEM</u>	<u>DESCRIPTION</u>
1	Secure harness using p/n 07-08-4527 and 07-08-4535
2	Secure harness using p/n 07-08-4527 (2).

Procedure complete.