SUBARU

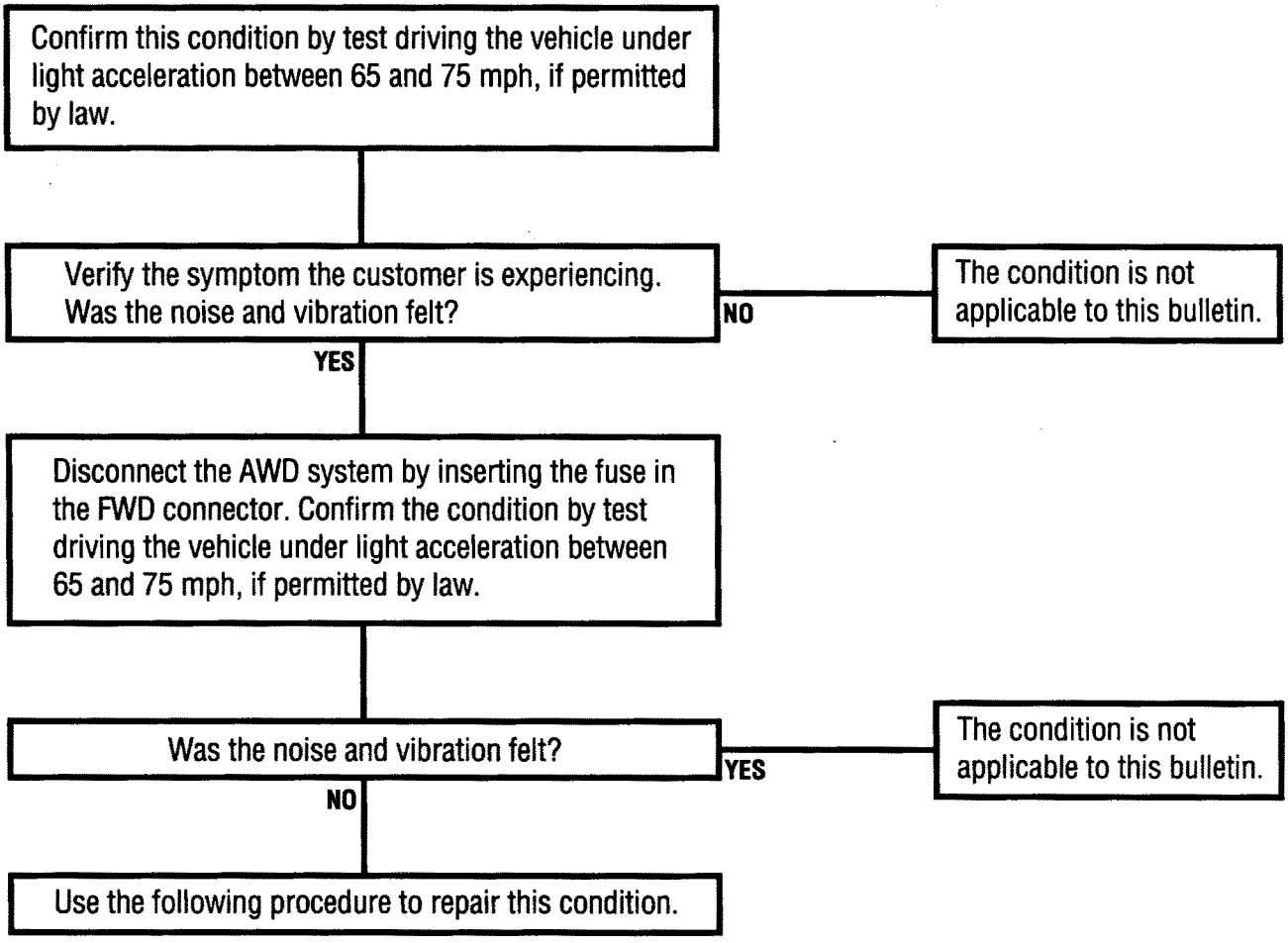
NUMBER 05-33-98R

SERVICE BULLETIN

APPLICABILITY 1997 AND LATER LEGACY, AWD **DATE** 10-14-98

SUBJECT **Body Driveline Vibration at high speeds (65 mph and higher)**

Should you encounter a customer complaint of body driveline vibration and noise from the rear of the vehicle sometimes accompanied with a resonance, and the vehicle speed is approximately 65 to 75 mph, perform the following procedure.



Part needed for this procedure

PART NAME	PART NUMBER	QUANTITY	REMARK
Templates	Sent to each dealer	2	1 for the L/H side 1 for the R/H side
Touch up black paint	-	-	For touching up drilled area
Vibration Damper	41322AC080	2	-
Self Lock Nut	902350001	4	For Attaching the Vibration Damper

REAR DIFFERENTIAL FRONT CROSSMEMBER REMOVAL.

Refer to figure #1 for the following procedure.

1. Remove the driveshaft cover.
2. Mark the driveshaft and rear differential to retain original installation.
3. Remove the driveshaft to differential retaining bolts.
4. Move the rear of the drive shaft to the left or right to provide clearance.
5. Remove the exhaust system from the vehicle, center pipe back.
6. Remove the center and rear exhaust system heat shields.
7. Remove the lower support cover and mounting bolts from the front of the rear differential.
8. Separate the differential from the front crossmember and remove the mounting studs, do not remove the differential.
9. Remove the outer front crossmember mounting bolts and brackets on both sides.
10. Remove the front crossmember.

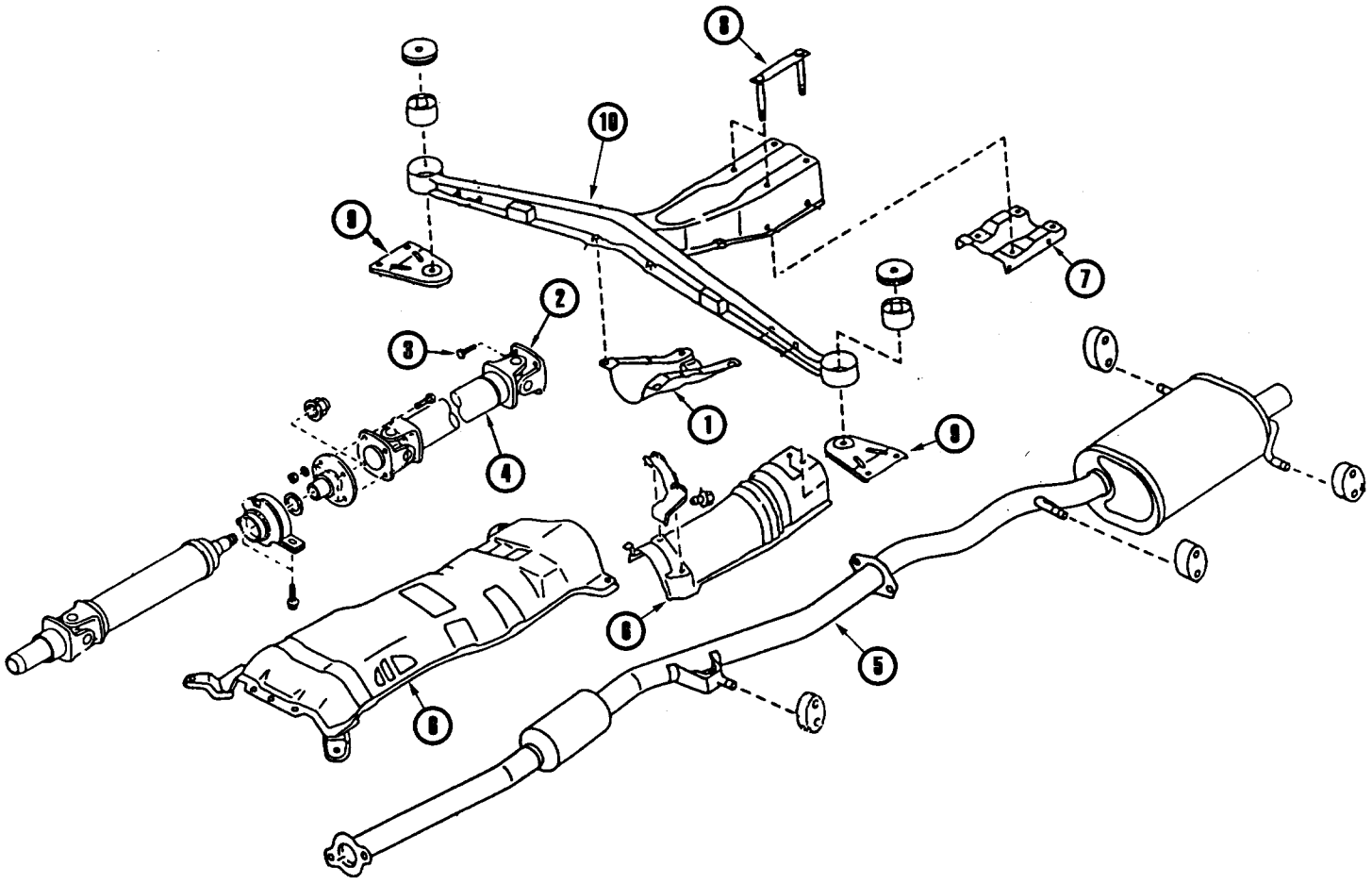


Figure #1

DAMPER INSTALLATION.

Refer to figures #2 and #3 for the following procedure.

1. There are two different templates, one for the right side and one for the left side of the crossmember.
2. Set the templates on the front crossmember.
3. Mark the 8 positions to be drilled on the top of the crossmember by using both templates.
4. Remove the templates and center punch the marks.
5. Drill the 4 outer marks to 7/16 of an inch using a stepped drill bit process, position (A).
6. Drill the 4 inner marks to 17/64 of an inch using a stepped drill bit process, position (B).
7. Remove drill bit burrs from drilled holes and paint the bare metal surface.
8. Use 4 self-locking nuts part # 902350001 and install the dampers to the crossmember.
9. Install the Rear Differential Front Crossmember in the reverse order of removal.
10. Confirm the repair by test driving the vehicle.

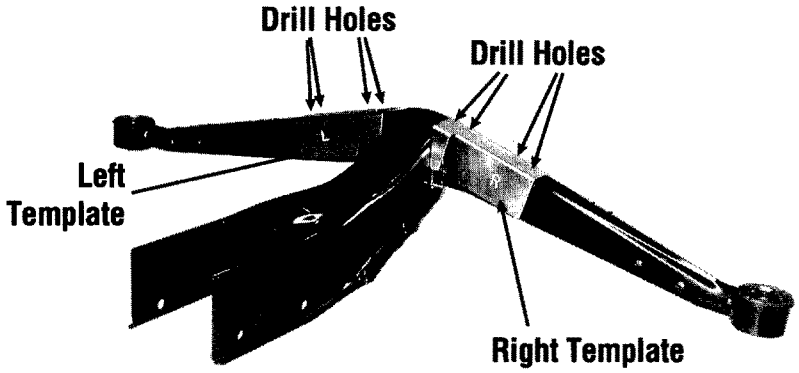
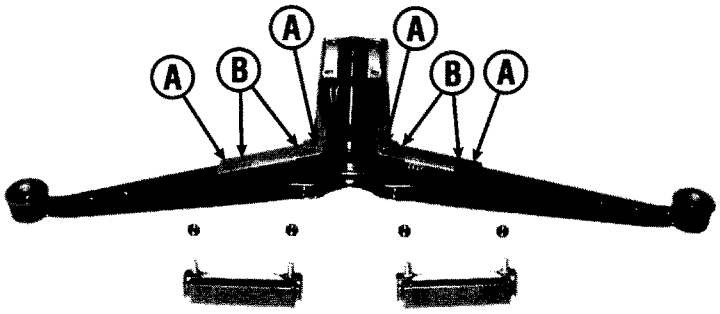


Figure #2

HOLE POSITION	DIAMETER	QUANTITY	REMARK
(A)	7/16	4	For attaching bolts
(B)	17/64	4	For damper mount bracket tabs



Vibration Damper Mounting
Tightening Torque: 30 ± 8 ft. lbs

Figure #3

WARRANTY INFORMATION.

FAILURE CODE	OPERATION#	LABOR DESCRIPTION	LABOR TIME
Rear Differential	A137-241	Rear Differential	
Damper		Dampers- Install	1.0
KWI-48			