

Subject: 2003-04 G35 - 2003-06 FX45/35 Fuel Hose Safety Recall Campaign

Attention – Dealer Principals, Sales, Parts and Service Managers

***** MY 2005 FX45 Vehicles on Sales Hold *****

Infiniti has identified 225 MY 2005 FX45 vehicles in dealer inventory that are affected by this campaign. A list of the specific FX45 VINs is available on NNAnet.com under My Documents in the Service/Campaigns folder. The document name is FX45 Fuel Hose Safety Recall Campaign VINs. You were previously informed that these vehicles are to be immediately placed on sales hold.

Note: If you do not have any vehicles on this list, please disregard this message.

***** Interim Repair Instructions *****

Interim repair instructions to complete the campaign repair on the 225 MY 2005 FX45 vehicles in dealer inventory are now available on NNAnet.com under My Documents in the Parts/Campaigns and Service/Campaigns categories.

***** Parts Availability *****

Parts required to complete the campaign repair on the 225 MY 2005 FX45 vehicles in dealer inventory are being shipped to the dealer of record for each of these vehicles.

If you do not receive the required parts by Wednesday, January 11 or have recently received an affected vehicle in trade, please contact your Dealer Parts and Service Manager (DPSM) to obtain the required parts.

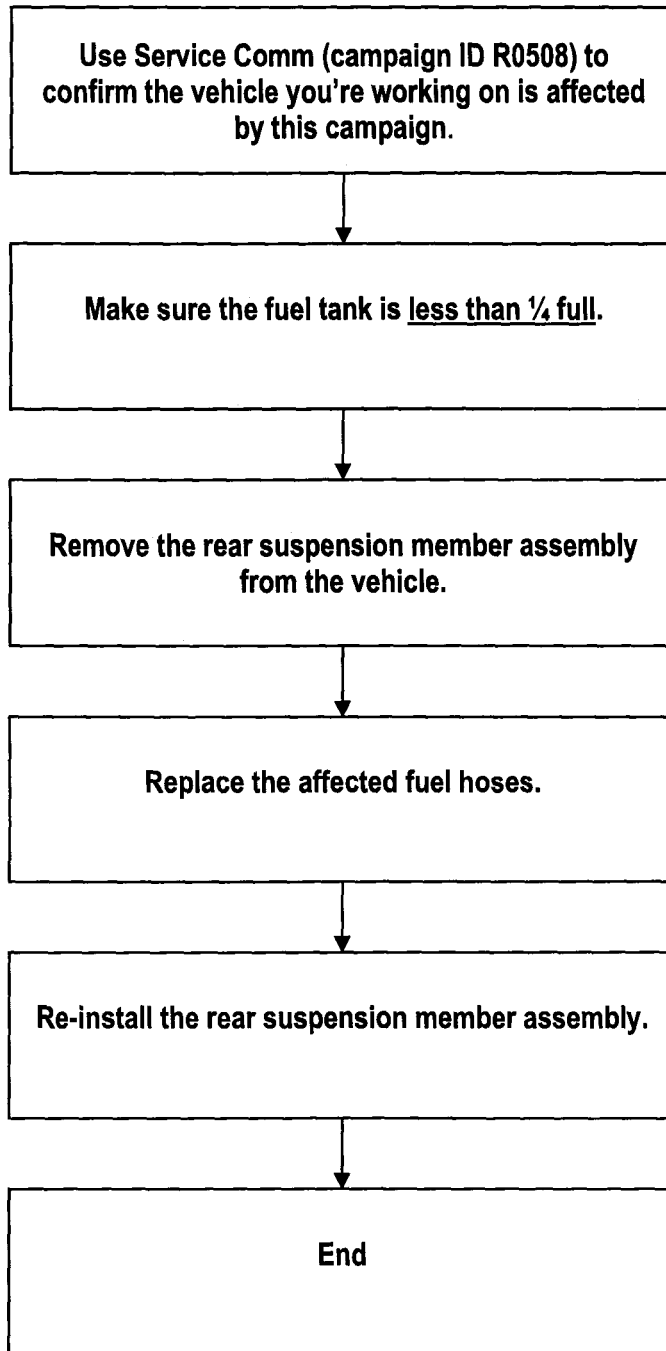
If you have any additional questions related to this campaign, please contact your Dealer Parts and Service Manager (DPSM).

Infiniti Parts and Service Operations
01/06/2006

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OFFICE OF DIRECTOR
INVESTIGATION

INTERIM REPAIR INSTRUCTIONS FX FUEL HOSES

Repair Overview



SERVICE PROCEDURE

Remove the rear suspension member assembly and replace four fuel hoses (from the kit) as follows.

To perform this procedure, you will need the items listed below. Refer to the Parts Information section for the part numbers.

- Fuel hose kit (see Figure 1a)

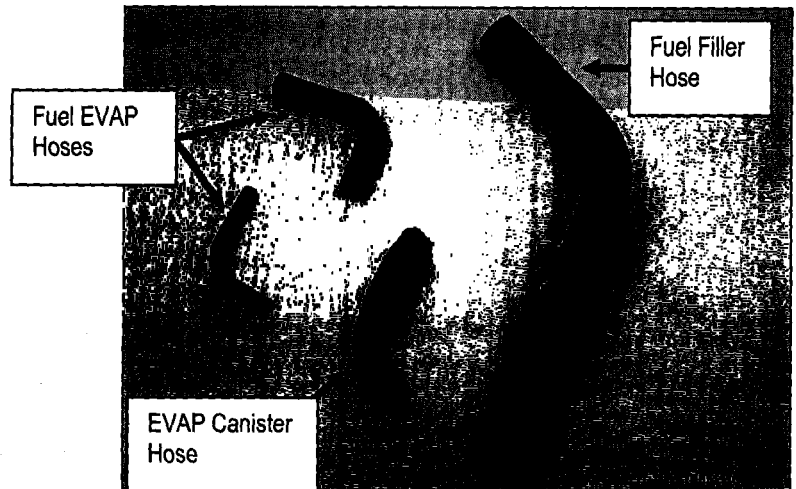


Figure 1a

- Propeller shaft bolt kit (see Figure 1b)

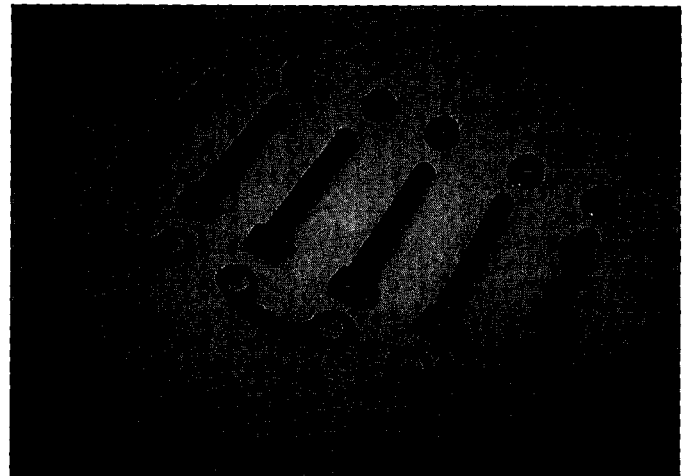


Figure 1b

- Propeller shaft center bearing nuts (see Figure 1c)
- Exhaust tube nuts (see Figure 1c)
- Exhaust tube gasket (see Figure 1c)
- Tie wrap - ABS harness connector (see Figure 1c)

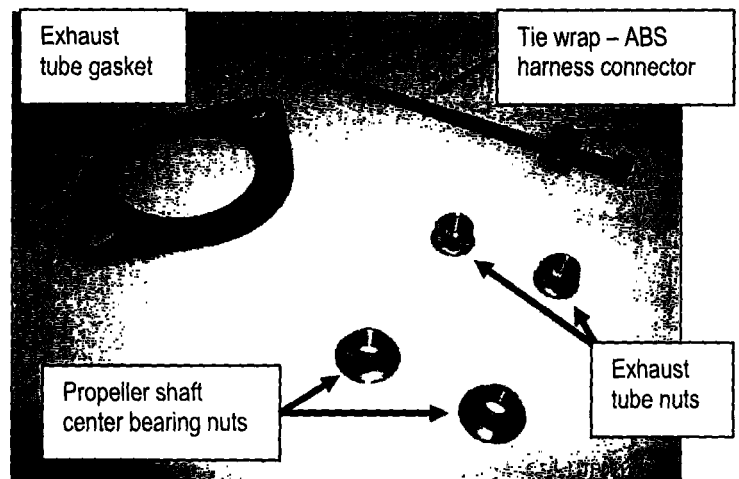


Figure 1c

Preliminary Steps

1. Record all radio station presets.
2. Disconnect the negative battery cable.
3. Raise the vehicle on a hoist.

Parts Removal

1. Remove both rear wheels/tires.
2. Remove both brake calipers and hang them from the brake line supports with wire (see Figure 2).

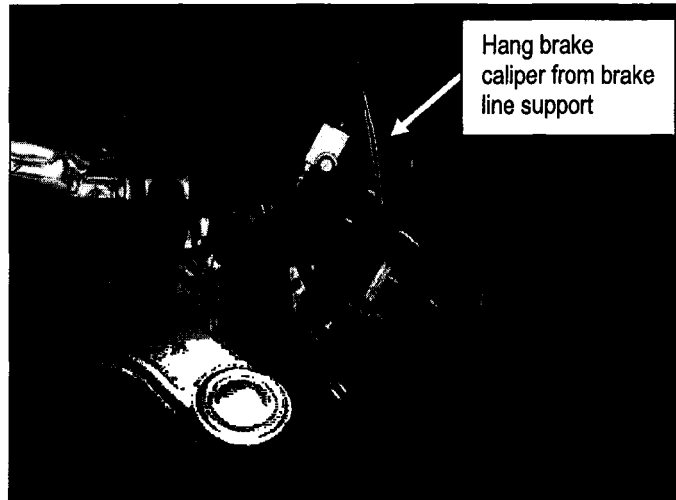


Figure 2

3. Remove the exhaust system ground strap from the vehicle under body (see Figure 3).

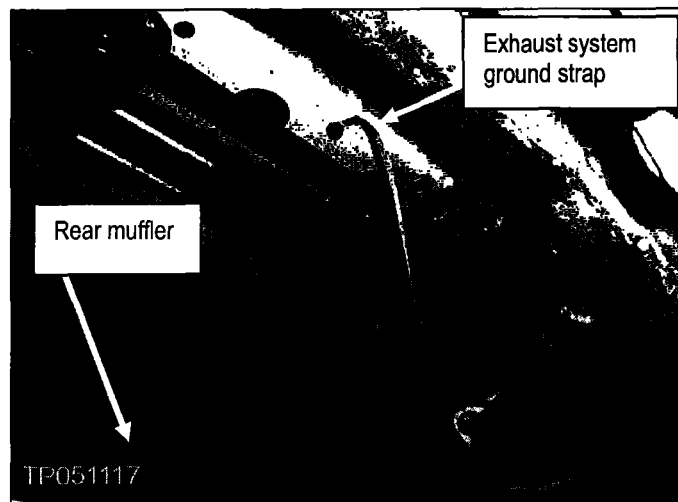


Figure 3

4. Release clips and remove the passenger (RH) side rear plastic under cover (see Figure 4).

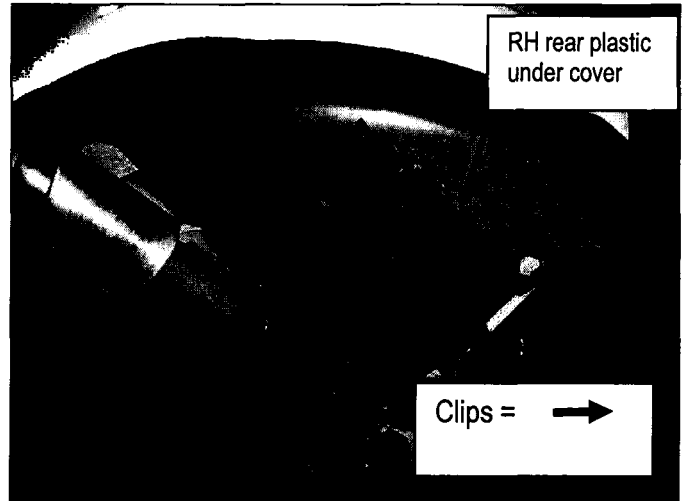


Figure 4

5. Release clips and remove the driver's (LH) side rear plastic under cover (see Figure 5).

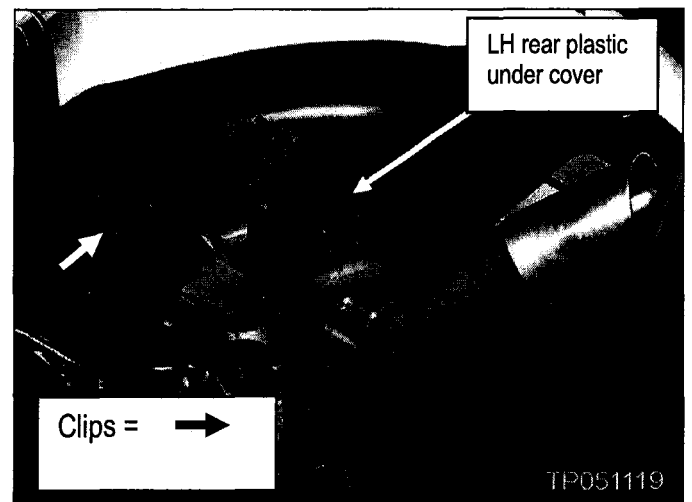


Figure 5

6. Remove the nut that holds the center muffler mount bracket (see Figure 6).

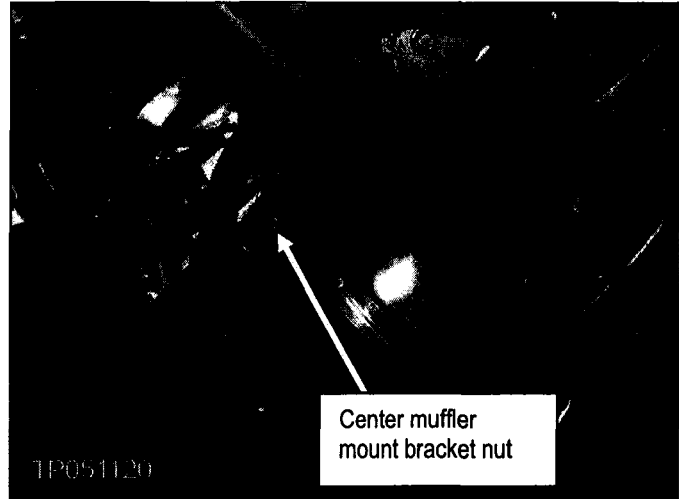


Figure 6

7. Remove nuts and bolts and remove the tunnel stay side covers and the tunnel "stay" (see Figure 7).

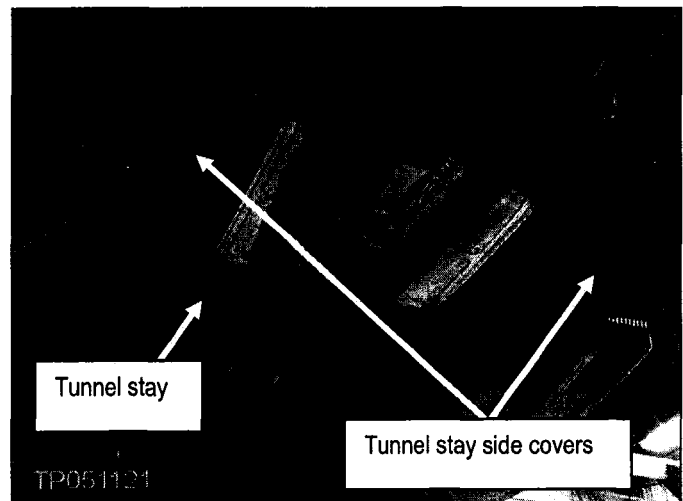


Figure 7

8. Remove and discard the exhaust system center tube front nuts (see Figure 8).
 - You will install new nuts at re-assembly. See Parts Information for the nut part number.

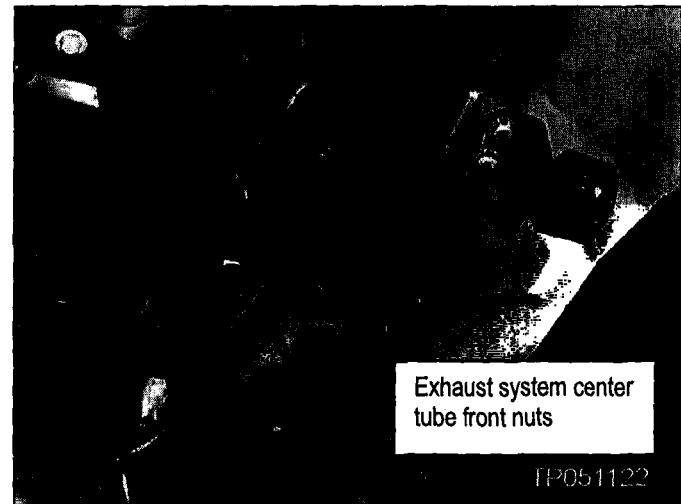


Figure 8

9. Support the exhaust system (see Figure 9).



Figure 9

10. Remove the rear muffler bracket bolts (see Figure 10a and 10b).

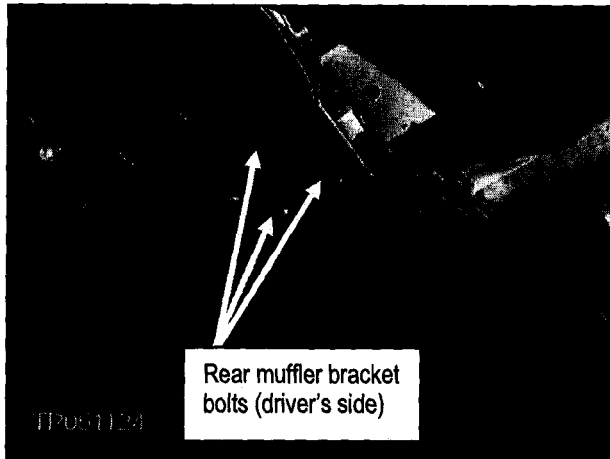


Figure 10a

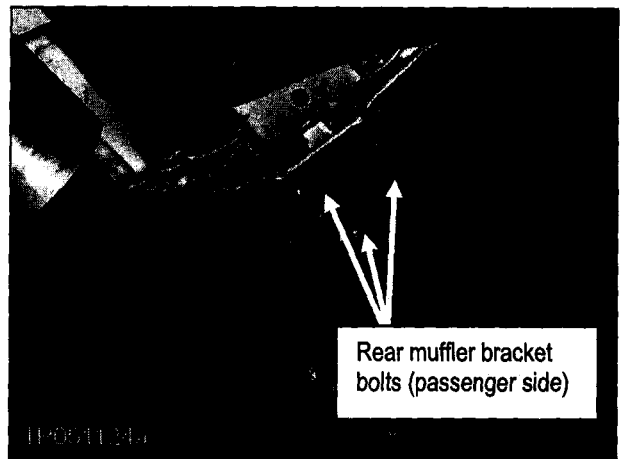


Figure 10b

11. Remove the rear muffler rubber support bolt (see Figure 11).



Figure 11

12. Carefully remove the exhaust system and place it in a safe location (see Figure 12).



Figure 12

13. Remove four nuts and remove the propeller shaft heat insulator (see Figure 13).

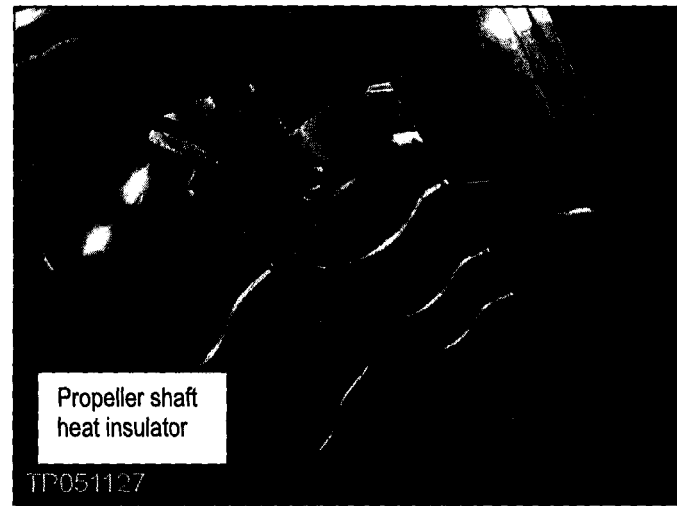


Figure 13

14. Apply an "index" (line up) mark across the propeller shaft and differential pinion flange for correct re-assembly (see Figure 14).



Figure 14

15. Remove the front and rear parking brake brackets (see Figure 15a and 15b).

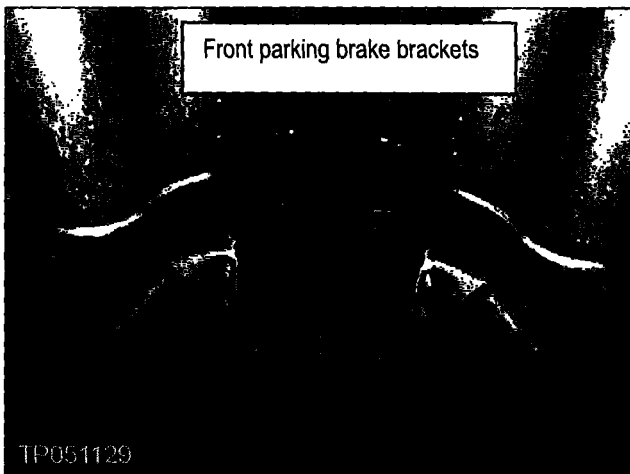


Figure 15a



Figure 15b

16. Remove the parking brake cables from the front equalizer (see Figure 16).

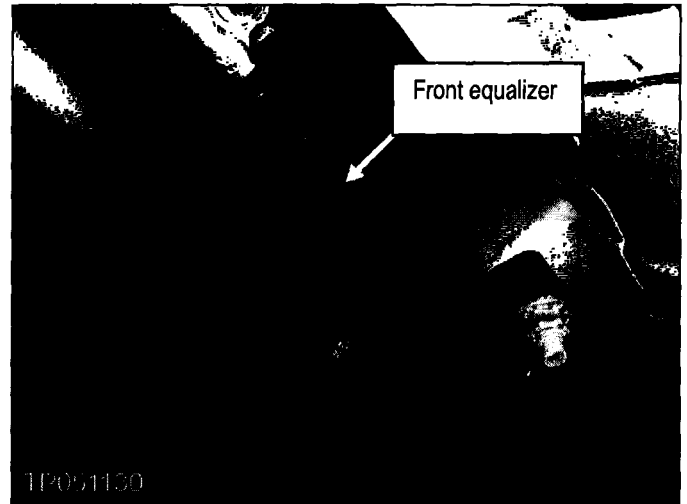


Figure 16

17. Remove the parking brake cables from the support clips (see Figure 17).



Figure 17

18. Remove and discard the propeller shaft nuts and bolts (see Figure 18).

- You will install new nuts and bolts at re-assembly. See Parts Information for the bolt kit part number.

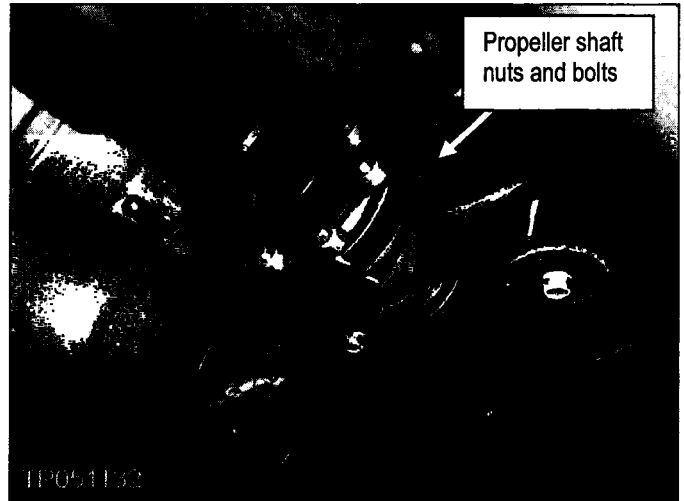


Figure 18

19. Position a support jack about six inches below the propeller shaft (see Figure 19). Then remove and discard the propeller shaft center bearing nuts and carefully lower the shaft onto the support jack.

- You will install new nuts at re-assembly. See Parts Information for the nut part number.

CAUTION: Make sure to properly support the propeller shaft as it's being lowered.

- When you remove the center bearing nuts, the propeller shaft rear flange will drop away from the differential pinion flange.

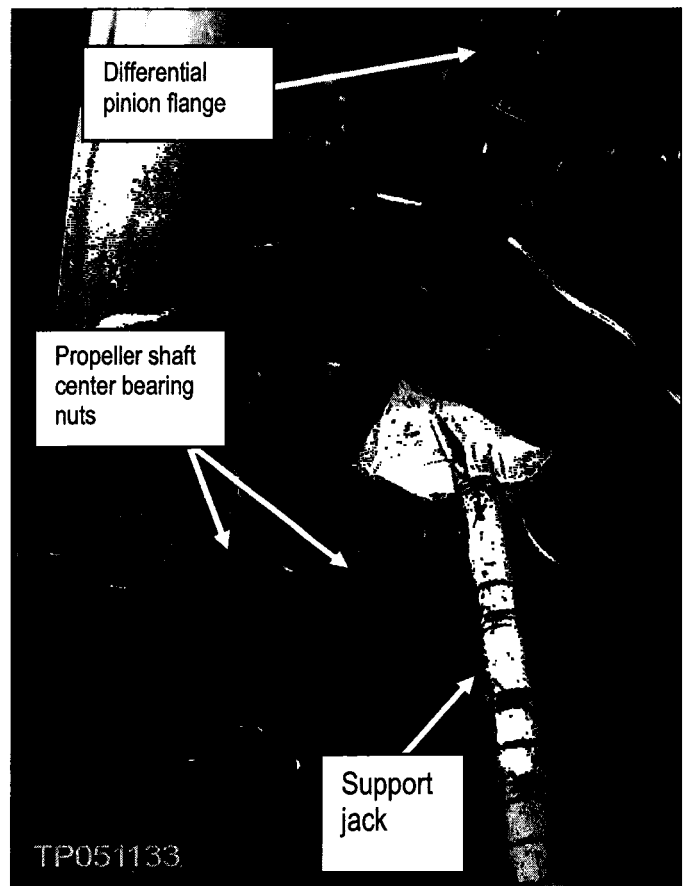


Figure 19

20. Use a piece of wire to hang the propeller shaft from one of the heat shield brackets (see Figure 20). Make sure the shaft is positioned to one side of the differential pinion flange.

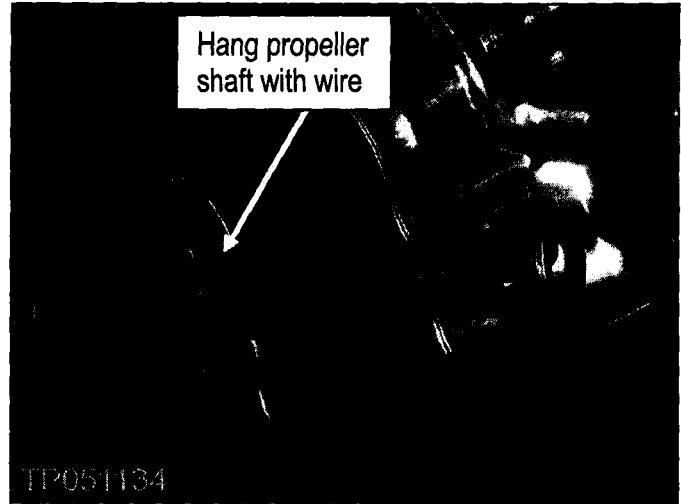


Figure 20

21. Disconnect the ABS harness connector and remove/discard the tie wrap from the suspension member (see Figure 21).

- You will install a new tie wrap at re-assembly. See Parts Information for the tie wrap part number.

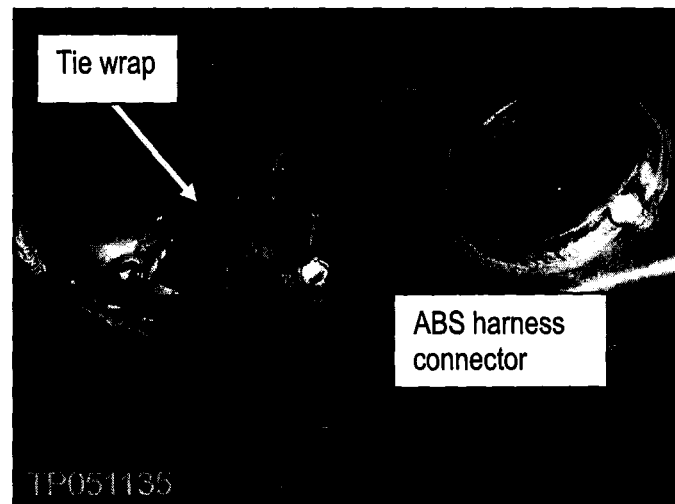


Figure 21

22. Remove both rear coil springs as follows:

NOTE: The following steps are being performed on the passenger (RH) side rear coil spring. Perform these steps on the driver's (LH) side rear coil spring also.

- a. Place an index mark across the coil spring, rubber bumper, and metal spring seat for proper re-assembly (see Figure 22).

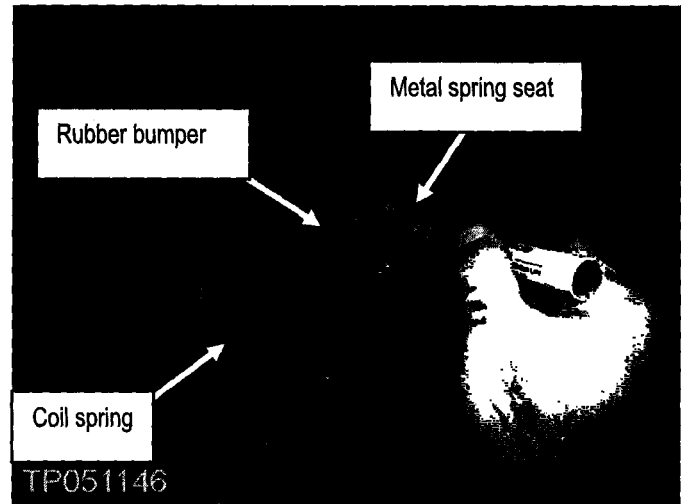


Figure 22

- b. Place another index mark across the rear lower link inboard eccentric bolt washer and the suspension member for proper re-assembly (see Figure 23).

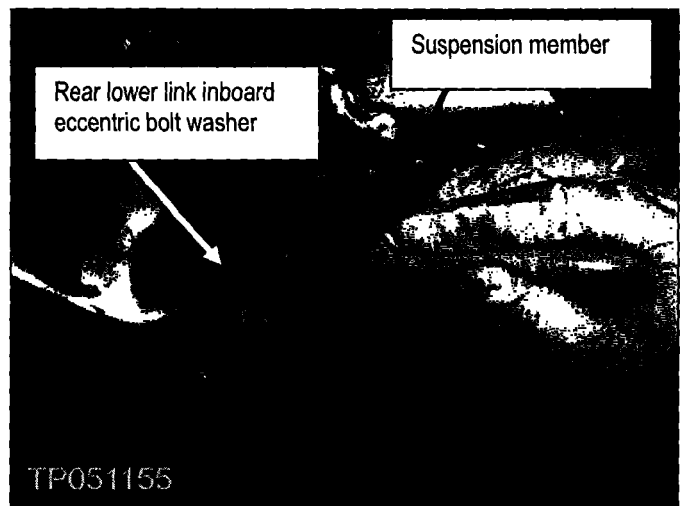


Figure 23

c. Loosen (but do not remove) the rear lower link inboard eccentric nut (see Figure 24).

- You'll need a "backup" wrench to loosen the nut.

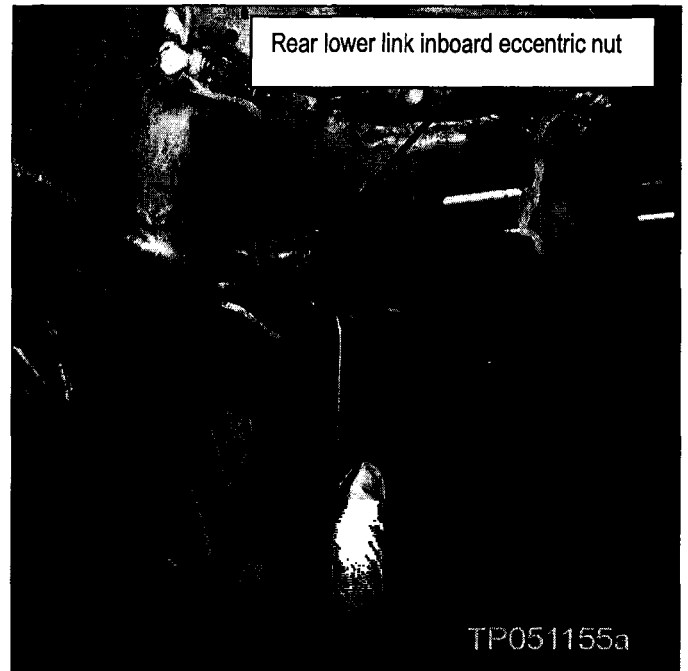


Figure 24

d. Place a support jack under the rear lower link and remove the nut/bolt that holds the link to the knuckle (see Figure 25).

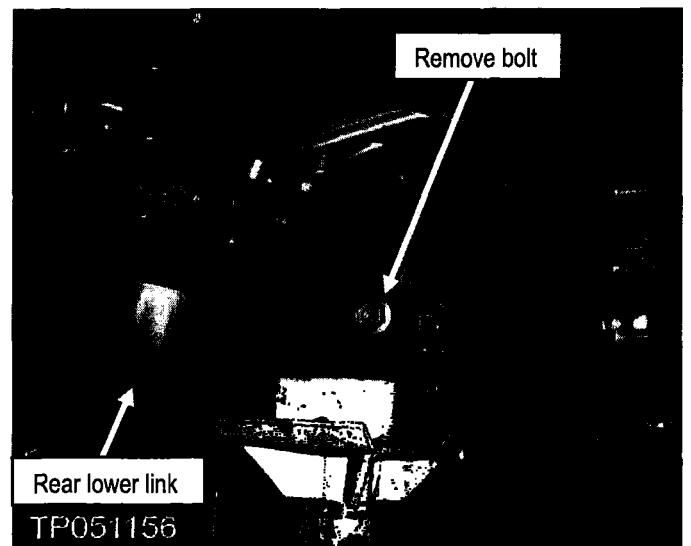


Figure 25

- e. Slowly lower the support jack to release the coil spring tension and then remove the coil spring (see Figure 26).

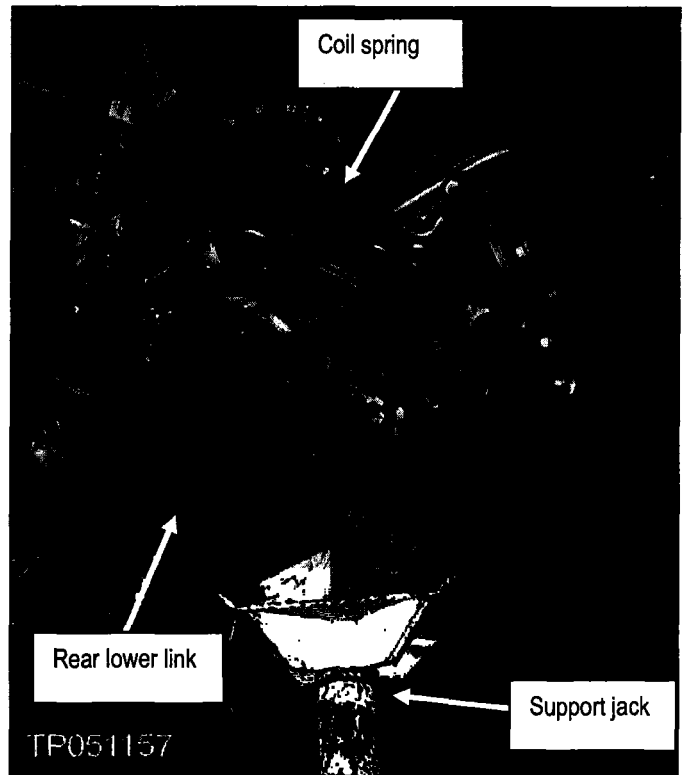


Figure 26

- f. After removing the coil spring, temporarily re-attach the rear lower link to the knuckle (see Figure 27).

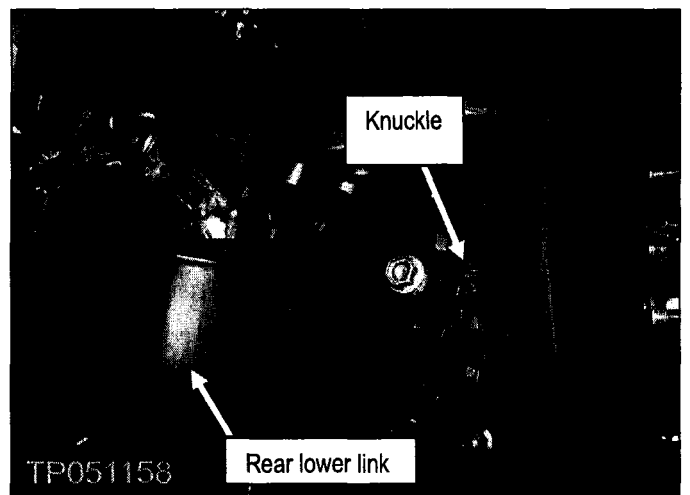


Figure 27

23. Now place a support jack under the front lower link and disconnect the shock absorber from the link (see Figure 28).

IMPORTANT: DO NOT disconnect the shock absorber from the studs at the top of the wheel well housing (see Figure 29).

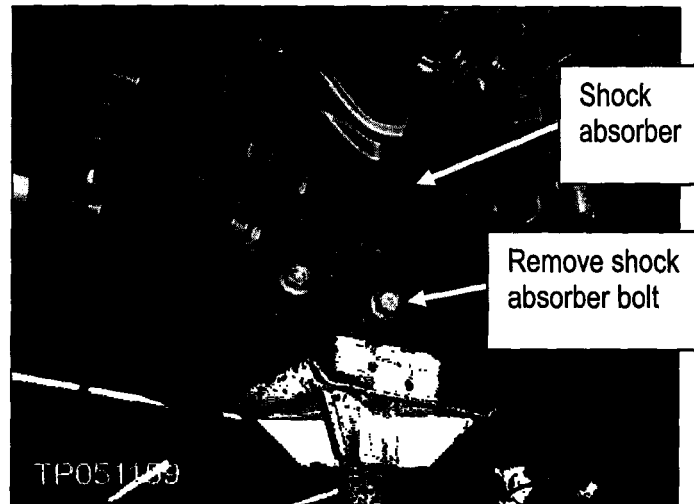


Figure 28

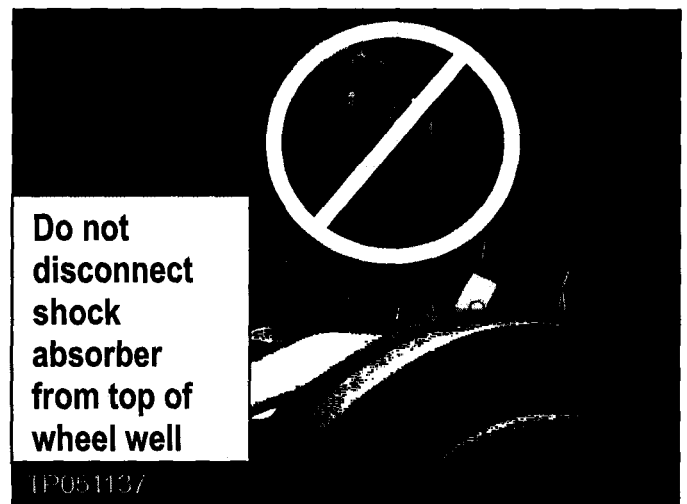


Figure 29

24. Place an index mark across the bushing and cross bar for proper re-assembly (see Figure 30).

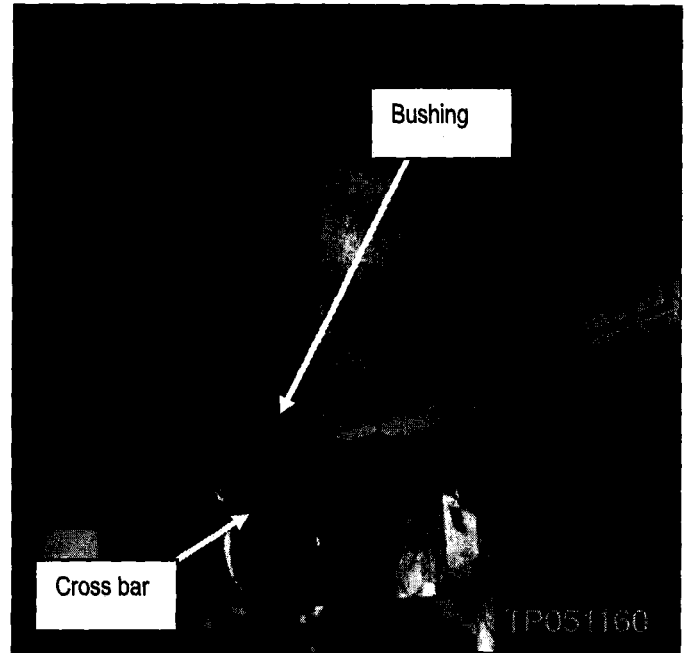


Figure 30

25. Place a transmission jack (or other suitable tool) under the rear differential (see Figure 31).



Figure 31

26. Place an additional support jack under the front suspension member to help stabilize the vehicle on the lift (see Figure 32).

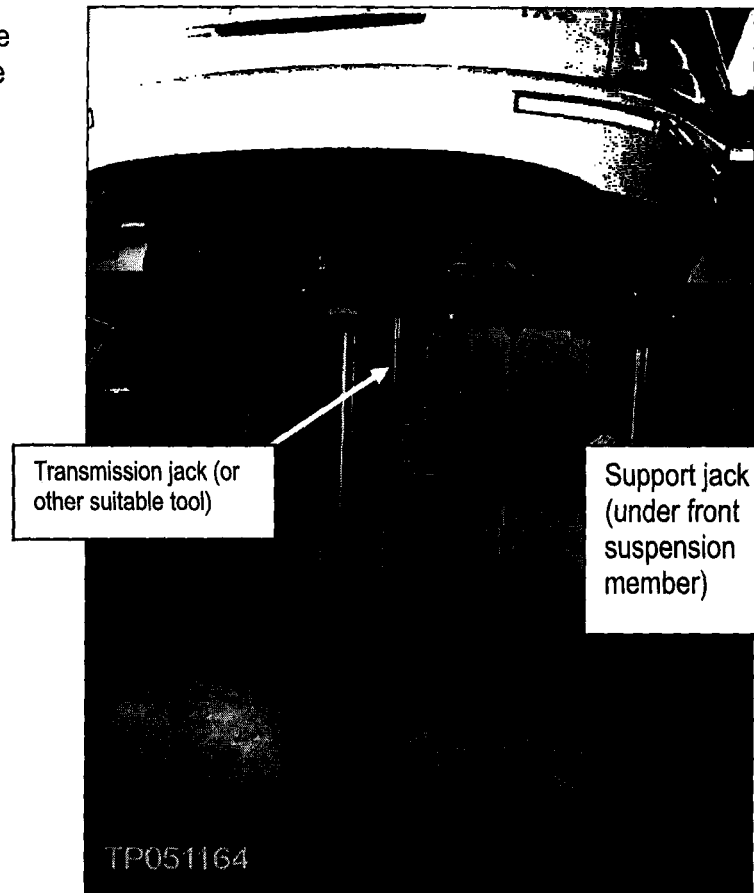


Figure 32

27. Secure the transmission jack to the rear differential with an adjustable strap (or other suitable "tie-down" device). See Figure 33.

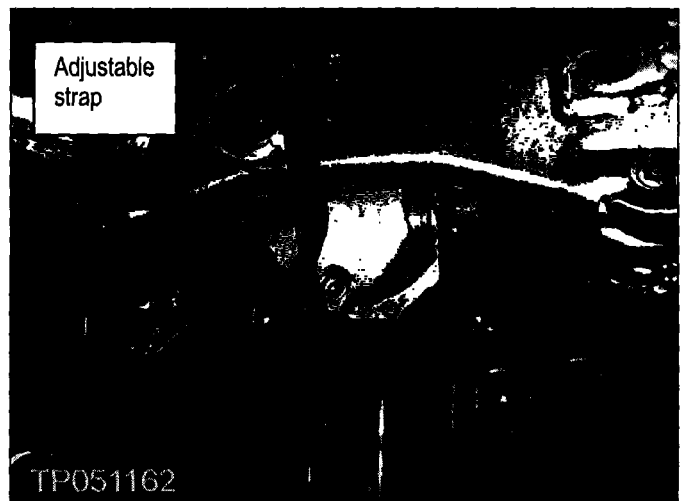


Figure 33

28. Remove the rear cross bar and suspension member rear nuts (see Figure 34).

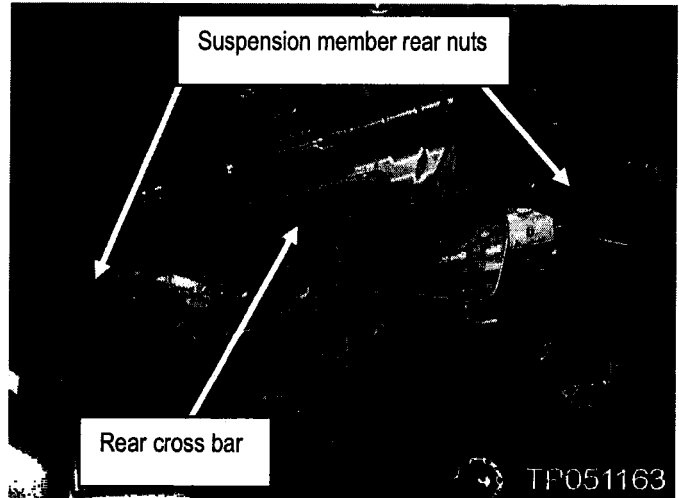


Figure 34

29. Remove the bolts and nuts that hold the suspension member "stay" brackets (see Figure 35). Then remove the stay brackets.

NOTE: The larger nuts hold the suspension member.

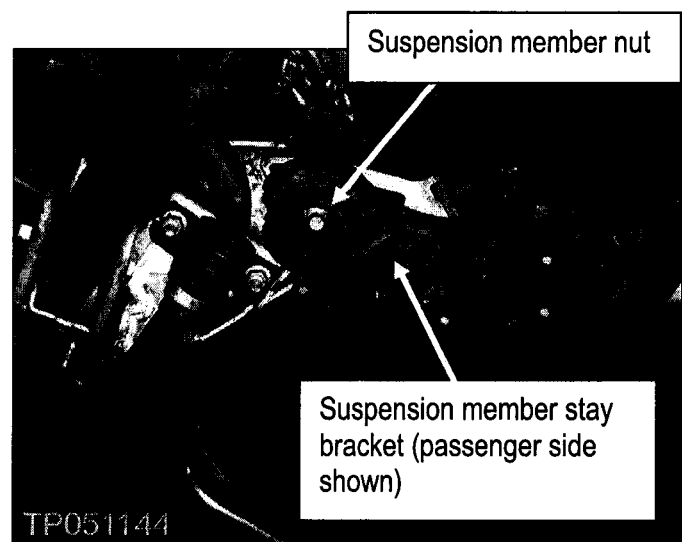


Figure 35

30. Carefully lower the suspension member (see Figure 36) and place it in a safe location away from "traffic".

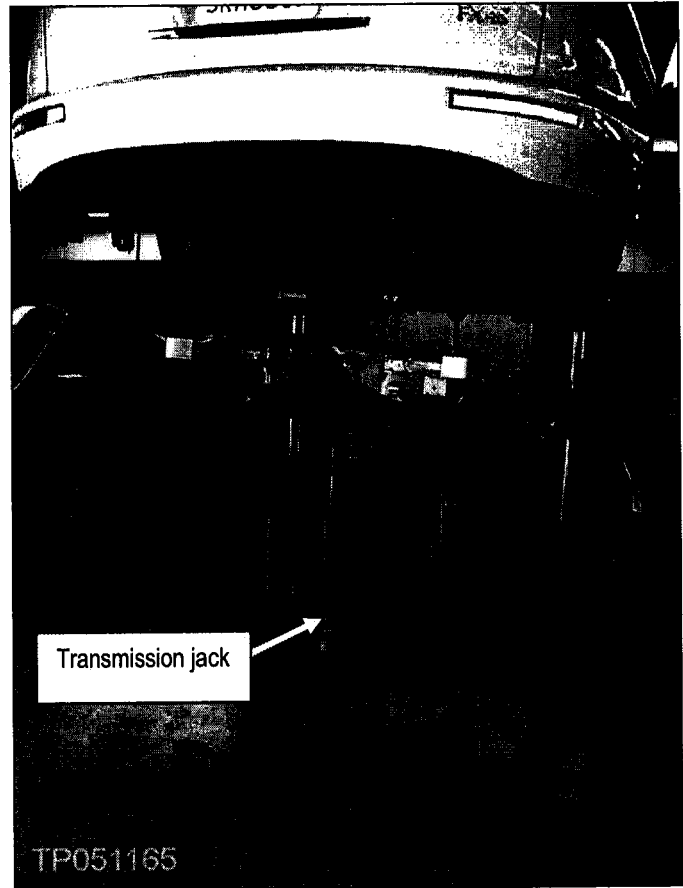


Figure 36

31. Remove three nuts and remove the evaporative canister shield (see Figure 37).

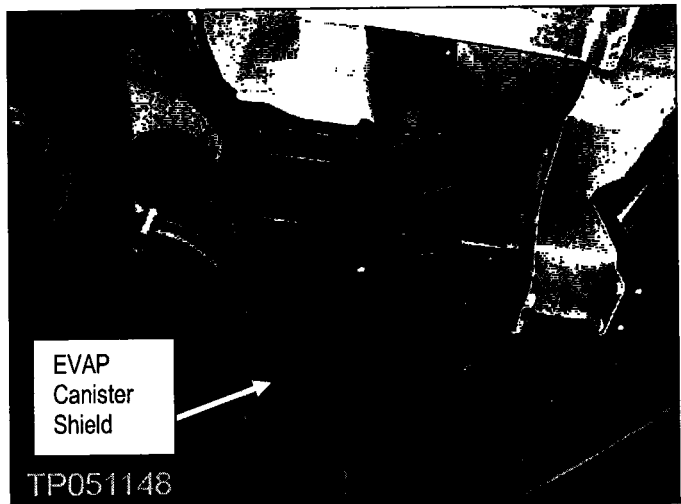


Figure 37

Fuel Hose Installation

CAUTION: Make sure the fuel tank is less than 1/4 full before you perform this procedure.

1. Remove and replace the four fuel hoses (provided in the kit). See Figure 38.
 - Replace hoses one at a time, making sure they are correctly positioned and secured.
 - Tighten the fuel filler hose clamps so that the distance between the bolt head and metal plate is set to the proper dimension (see Figure 38).

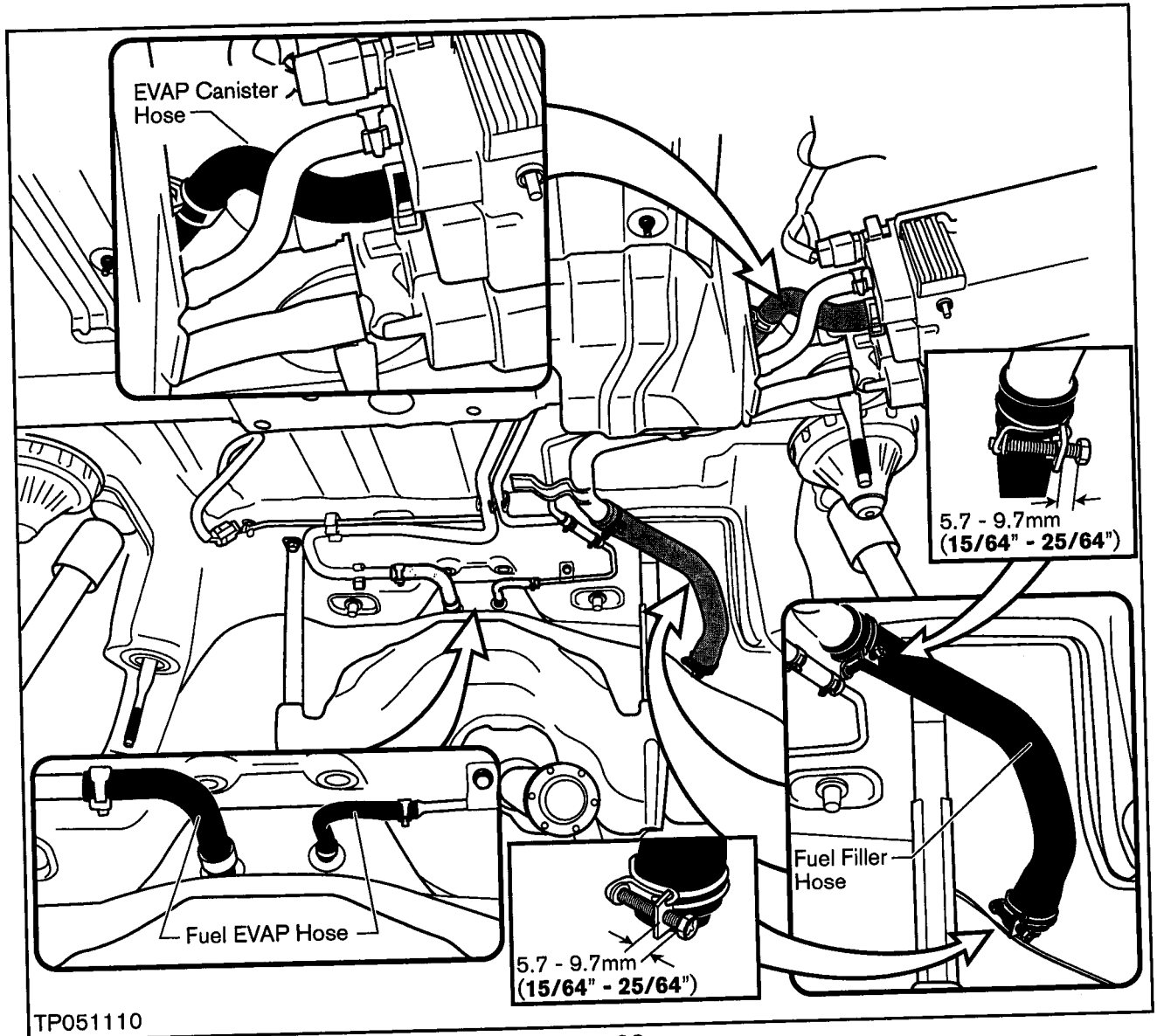


Figure 38

Re-Assembly

1. Re-install all components in the reverse order of removal, making sure of the following:
 - All suspension fasteners are tightened to the proper torque specification (see Figure 39).
 - All "index" marks are lined up.

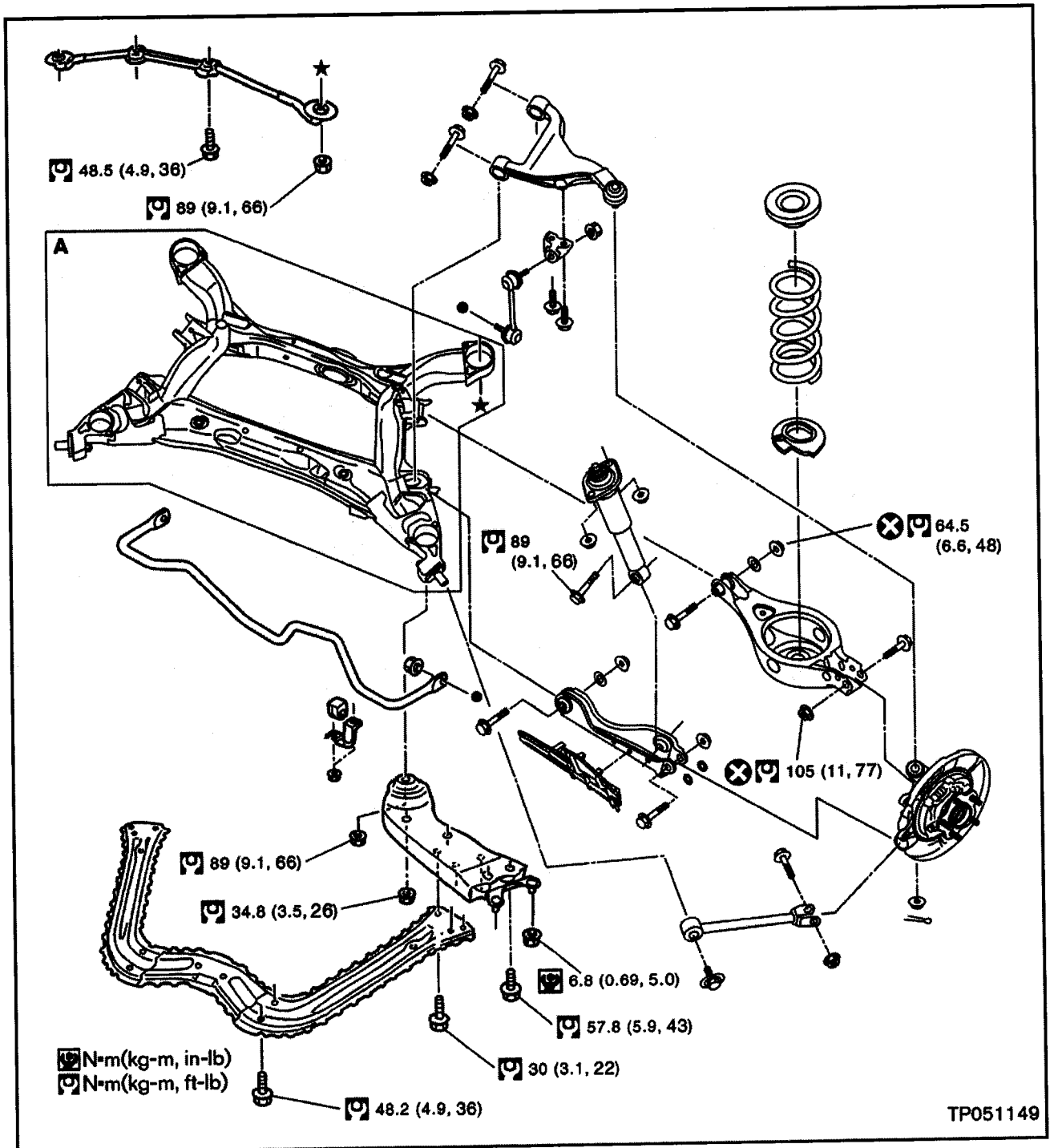


Figure 39

- Use new nuts/bolts (provided in the kit) for securing the propeller shaft to the differential pinion flange. Tighten the nuts to: 56.9 Nm (5.8 kg-m, **42 ft-lb**).
 - Use new nuts (see Parts Information) for mounting the propeller shaft center bearing assembly. Tighten these nuts/bolts to: 44 Nm (4.5 kg-m, **70 ft-lb**).
 - Use a new gasket (see Parts Information) between the front and center exhaust tubes. Also, use new nuts (see Parts Information) for securing these tubes together.
2. Re-connect the negative battery cable.
 3. Re-program all radio station pre-sets.
 4. Perform a rear wheel alignment.

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
Fuel Hose Kit	A7226-CG00A	1
Propeller Shaft Bolt Kit (AWD)	37120-CG225	1
Nuts – Propeller Shaft Center Bearing	01225-00062	2
Nuts – Exhaust Tube	20602-41G00	2
Gasket – Exhaust Tube	20692-65J00	1
Tie Wrap - ABS Harness Connector	24225-89960	1

CLAIMS INFORMATION

Submit a Campaign (CM) line claim using the following claims coding information:

Campaign ID: R0508

DESCRIPTION	OP CODE	FRT
RPL Fuel Vapor Hoses	R05080	2.3 hrs