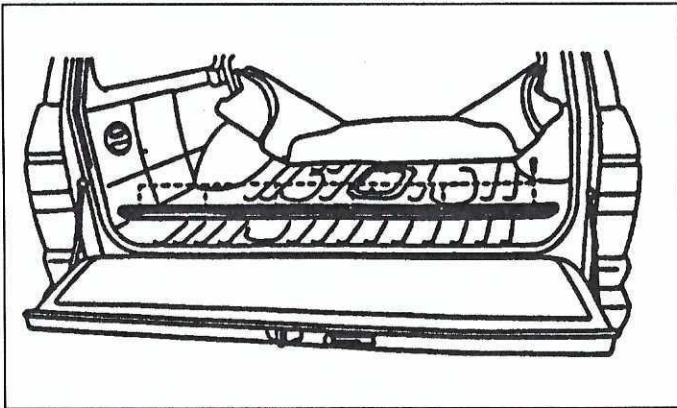
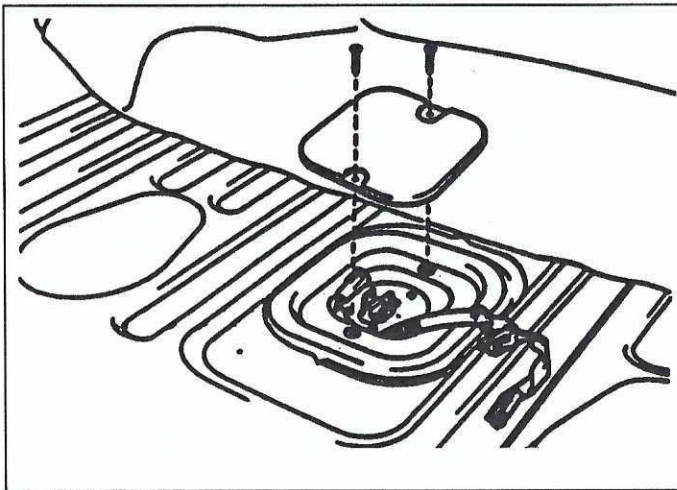


V. FUEL TANK REPLACEMENT PROCEDURE (FOR 3F-E ENGINE VEHICLES - FJ62):

A. FUEL SYSTEM PRESSURE RELIEF

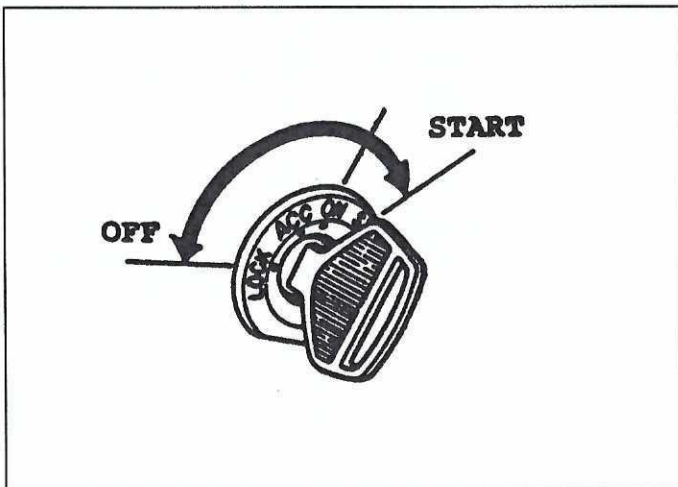


1. Remove 6 screws and rear floor mat trim plate, turn over the floor mat to access the rear floor service hole cover.



2. Remove 2 screws and service hole cover, disconnect fuel pump wire and fuel sender gage wire connectors.

Note: Fuel pump and sender gage wires should be pulled out from the service hole for easy reconnecting.



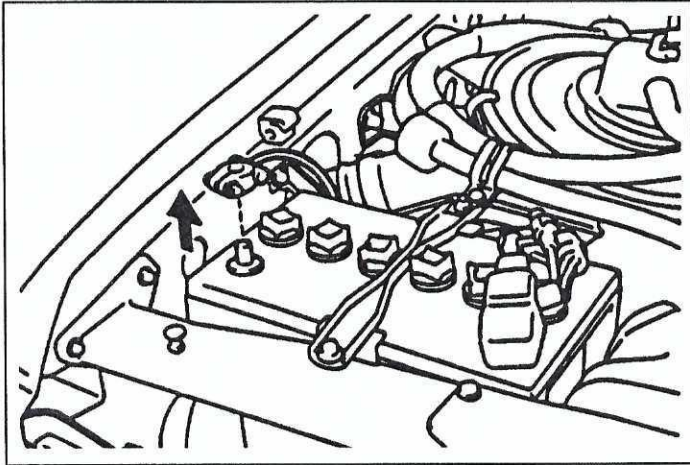
3. Start the engine and run it until the engine stalls, to relieve the fuel system pressure.
4. Turn off the ignition key.

IMPORTANT!!

IV. BEFORE BEGINNING WORK, PLEASE OBSERVE THE FOLLOWING PRECAUTIONS:

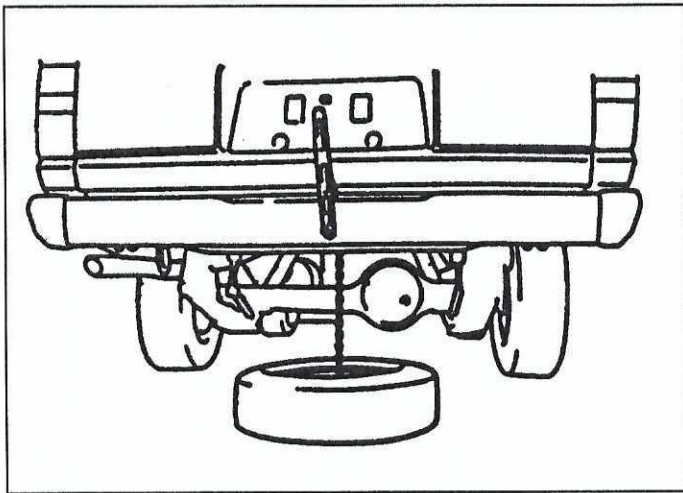
1. WORK SHOULD BE CONDUCTED IN A WELL VENTILATED AREA AND ON A WATER SPLASHED FLOOR.
2. THERE SHOULD BE A PROPERLY RATED FIRE EXTINGUISHER AVAILABLE IN CASE OF EMERGENCY AND A "CAUTION: INFLAMMABLE" SIGN IN THE WORKSHOP.
3. BE ABSOLUTELY CERTAIN THERE ARE NO OPEN FLAMES, NO SMOKING AND NO OPERATION OF ELECTRICAL EQUIPMENT OR SWITCHES THAT MAY SPARK.
4. WHEN REMOVING AND REFILLING FUEL, GROUNDING WIRES SHOULD BE PROPERLY CONNECTED FROM THE TANK TO GROUND (e.g. VEHICLE HOIST) TO PREVENT ELECTRIC SPARKS FROM OCCURRING.
5. SUITABLE FUEL TRANSFER EQUIPMENT SHOULD BE USED TO SAFELY REMOVE AND REFILL GASOLINE.
6. FUEL SHOULD BE DRAINED INTO A CLEAN "GAS BUGGY" OR FIVE GALLON CONTAINERS (APPROVED BY FEDERAL, STATE AND/OR LOCAL LAWS).
7. IMMEDIATELY WIPE UP ANY SPILLED FUEL.
8. IT IS RECOMMENDED TO WASH THE REAR PART OF THE VEHICLE UNDER BODY TO REMOVE DIRT OR MUD.
9. SAFETY GLASSES SHOULD BE WORN WHEN REPLACING THE FUEL TANK.
10. DO NOT DISPOSE OF FUEL INTO THE WATER TABLE OR SEWER SYSTEM. RAGS CONTAMINATED BY FUEL SHOULD BE CAREFULLY HANDLED.
11. THE REPLACED FUEL TANK MUST BE SCRAPPED. DRAIN ALL REMAINING FUEL, LEAVE THE TANK IN A WELL VENTILATED AREA FOR 6 DAYS AND THEN DEFORM THE FUEL SENDER GAGE MOUNTING HOLE WITH A CLAW BAR OR SIMILAR TOOL. DISPOSE OF THE FUEL TANK IN ACCORDANCE WITH LOCAL LAWS AND/OR REGULATIONS.

B. REMOVAL OF FUEL FROM TANK

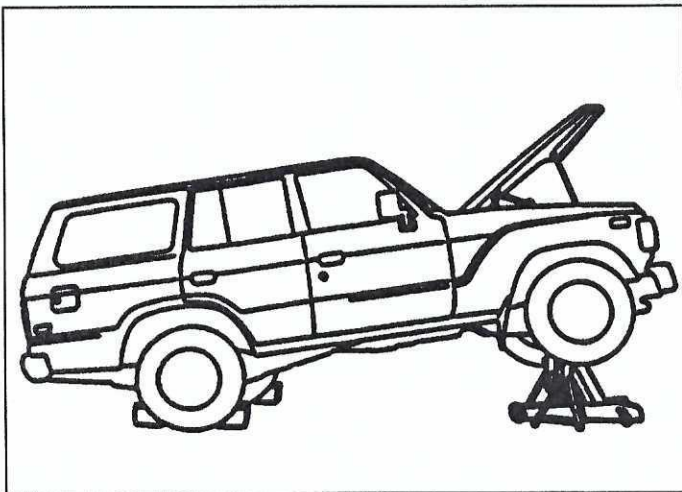


1. Disconnect negative battery cable from battery.

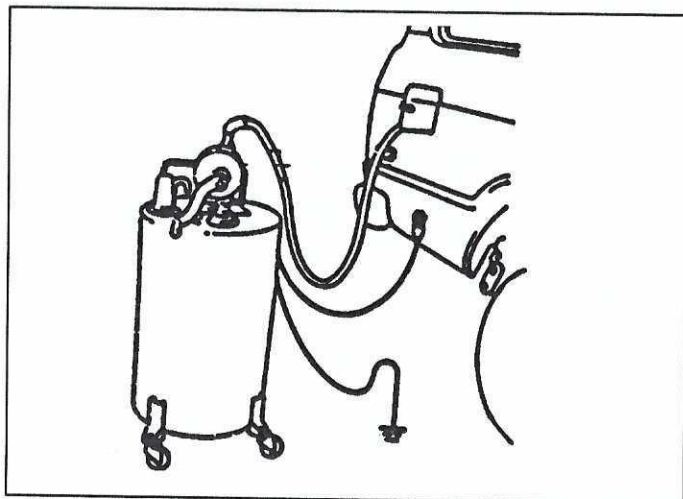
Note: Before disconnecting the battery cable, record the pre-programmed radio stations if the vehicle is equipped with a radio with electronic tuner.



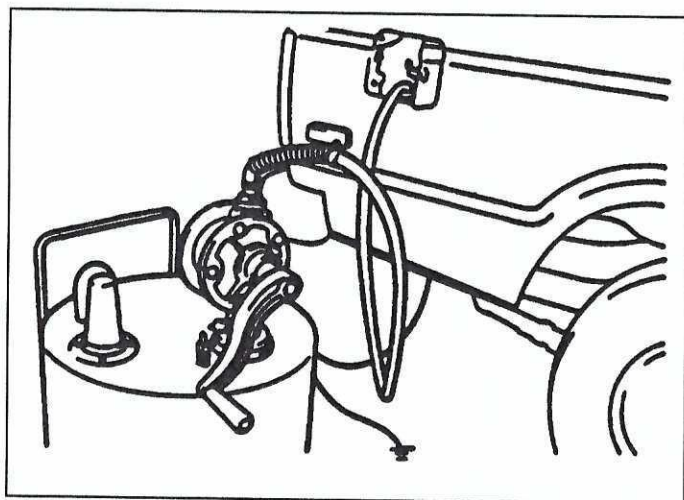
2. Lower and remove spare wheel.



3. Block rear wheel, jack up and support front of the vehicle as high as possible, to enable fuel in the tank to be sucked up from fuel inlet as much as possible.



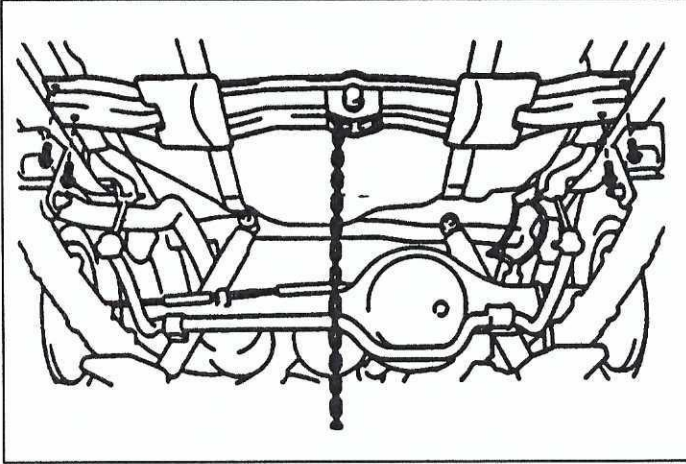
4. Connect grounding wires between the vehicle, fuel pump, fuel container and a good ground such as the vehicle hoist or metal plumbing pipes to equalize electric potential of static electricity.



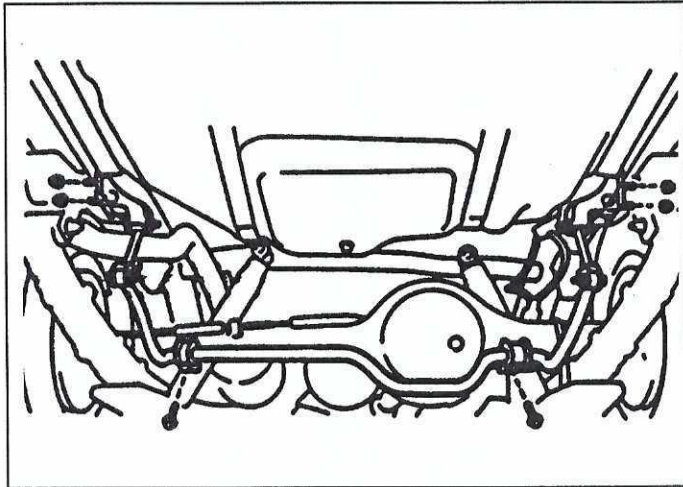
5. Remove fuel tank cap and suck up fuel from the tank through the tank inlet as much as possible.
6. Disconnect grounding cables and lower the vehicle.

C. REMOVAL OF ORIGINAL TANK

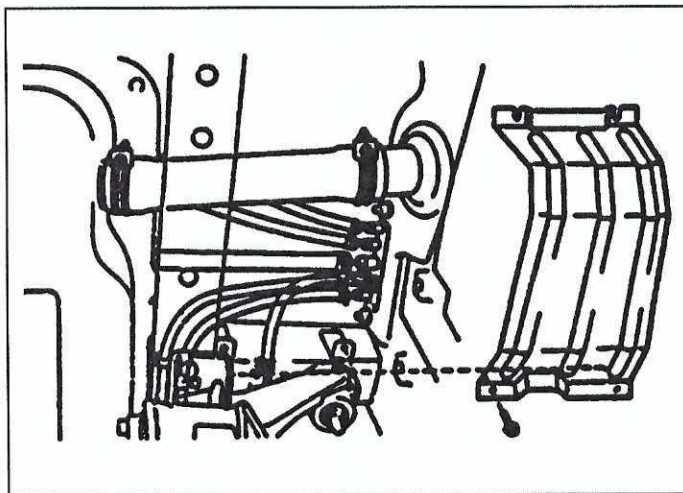
1. Remove 4 bolts, nuts and crossmember No. 5 together with the spare wheel carrier.



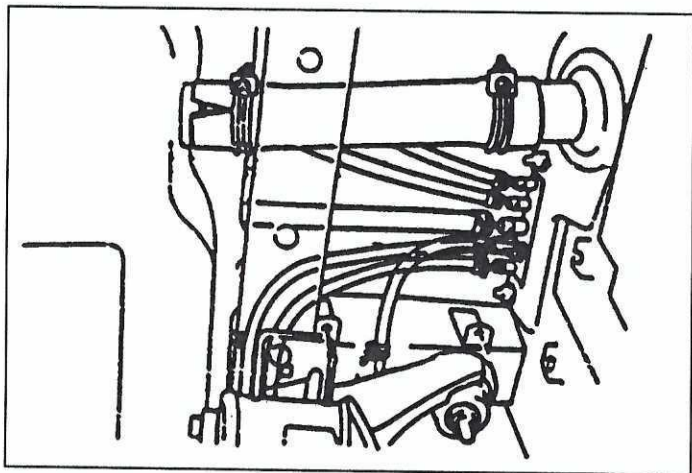
2. Remove 4 self-lock nuts securing right and left rear stabilizer brackets to the frame rail, 2 bolts securing rear stabilizer to the rear axle housing and rear stabilizer together with the right and left links and brackets.



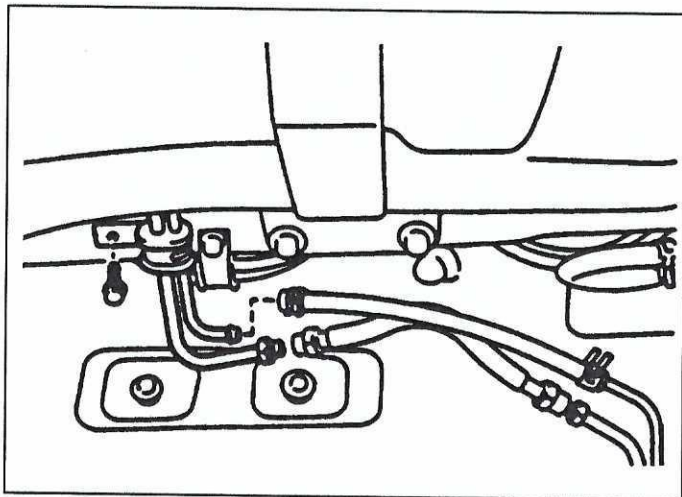
3. Remove 4 bolts and fuel hose protector.
4. Loosen clips and disconnect 5 fuel hoses from fuel tube connector.



Note: Since a small amount of fuel remains in the hoses, cover the hoses with a shop towel when disconnecting the hoses, to catch any fuel that may leak out.

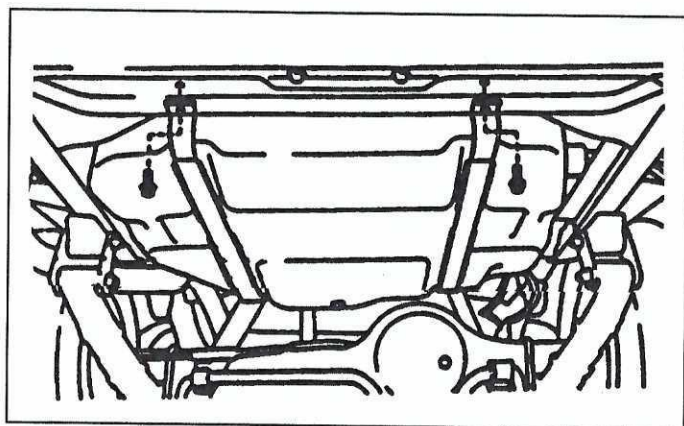


5. Disengage 2 front fuel hoses (out of 5) from the body clamps.
6. Loosen both clamps and cut the tank-side end of fuel inlet hose to easily disconnect the hose, then disconnect the inlet hose from fuel tank.
7. To prevent the remaining fuel from leaking, use the inlet hole cap fitted onto the new tank to plug the fuel tank inlet hole and fasten with adhesive tape.

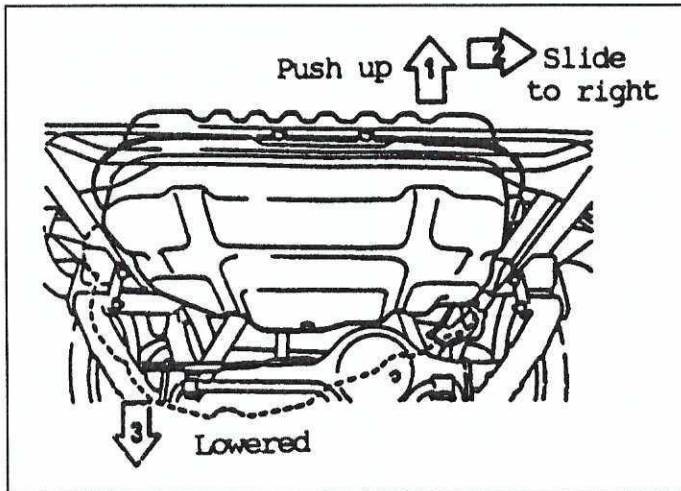


8. Loosen the clip and disconnect fuel return hose from fuel tank-side pipe.
9. Loosen the flare nut and disconnect fuel pressure tube from tank-side pipe.

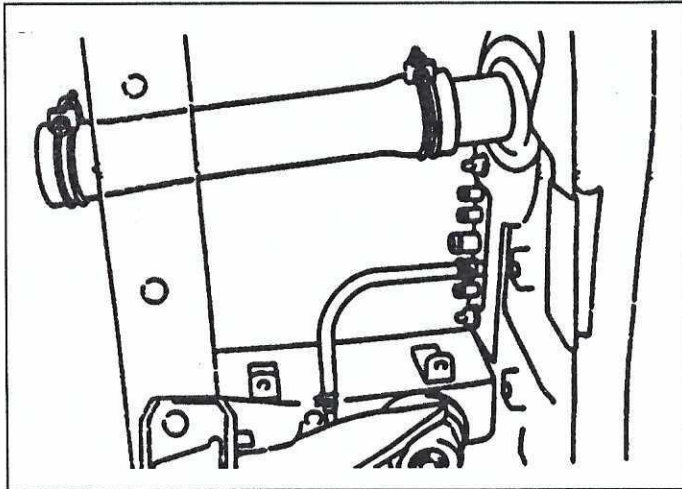
Note: Since a small amount of fuel remains in the hoses, cover the hoses with a shop towel when disconnecting the hoses, to catch any fuel that may leak out.



10. Remove bolt and fuel pipe clamp from body at the front of the tank.
11. Remove 2 bolts and disconnect both right and left rear ends of fuel tank band.



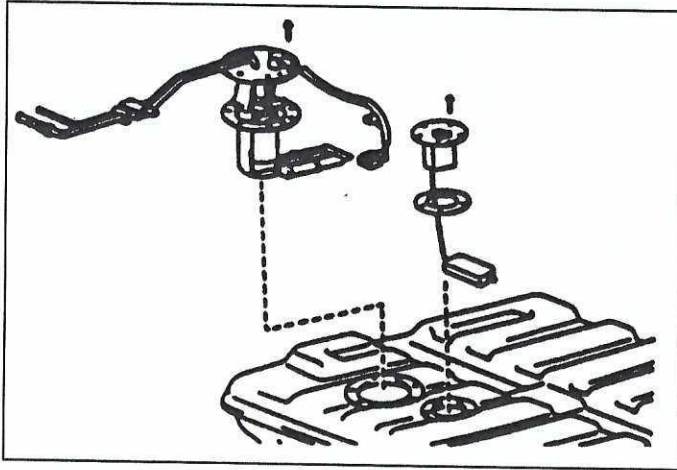
12. Raising the right side of the tank and pulling it to the right, lower the fuel tank from the vehicle.



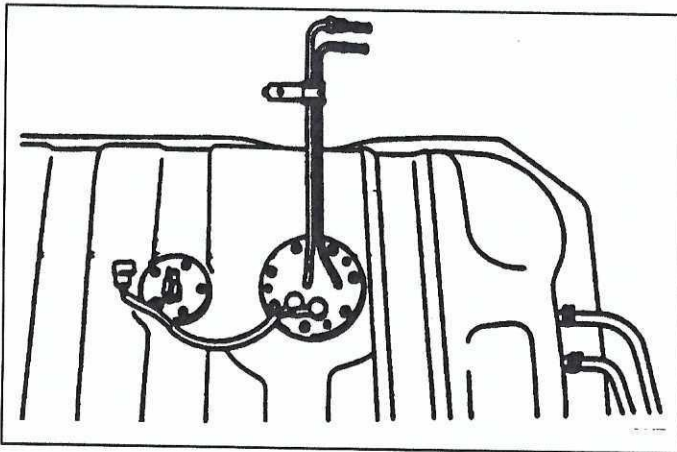
13. Replace fuel inlet hose and clamps with new ones.

Note: Tighten new clamps slightly so that the clamps do not fall off the inlet hose.

D. PREPARATION OF NEW TANK



1. Remove 5 screws and fuel sender gage, and 7 screws and fuel pump bracket from the tank together with fuel pump.

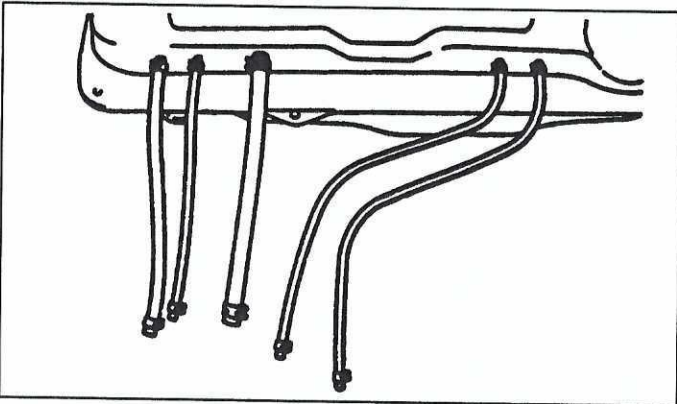


2. Secure fuel pump bracket with pump and fuel sender gage to the modified new tank (P/N 04001-02160).

Note: Use new gaskets contained in the fuel tank service kit (P/N 04001-01160).

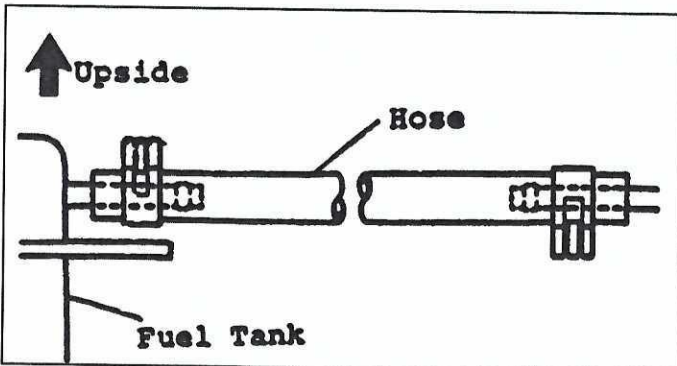
Torque: Pump bracket. 30 kg-cm.
(2.2 ft. lb., 2.9 N.m).

Sender gage. 15 kg-cm.
(1.1 ft. lb., 1.5 N.m).



3. Install 5 new fuel hoses with clips to the new tank, using the original tank and hoses for reference.

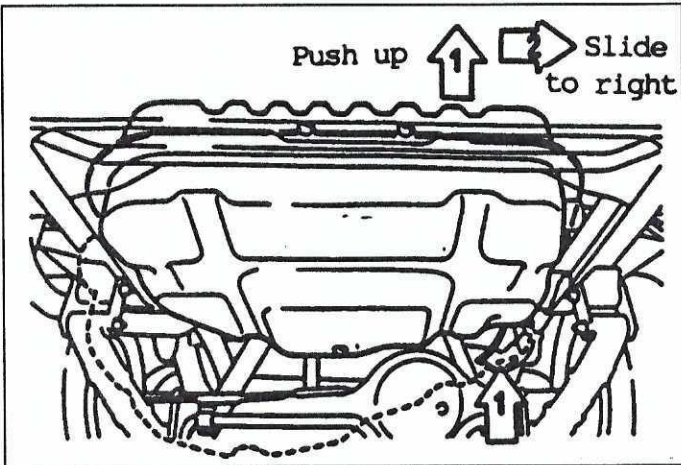
Note: The hose clips should be installed as shown in the diagram at left.



4. Drain the remaining fuel completely from the original tank.

E. INSTALLATION OF NEW TANK

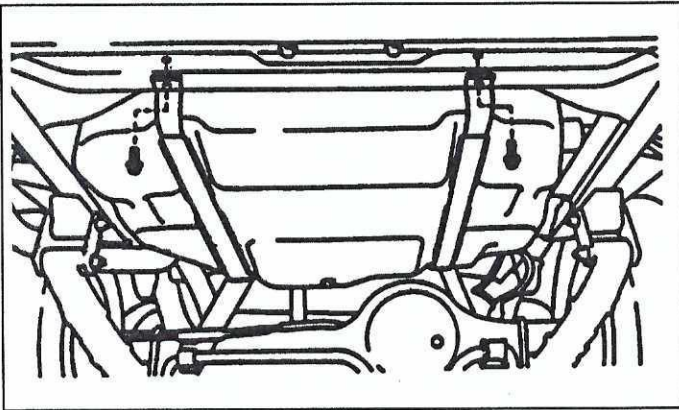
1. Raising right side of the fuel tank, install new fuel tank into the vehicle.



2. Secure right and left fuel tank bands.

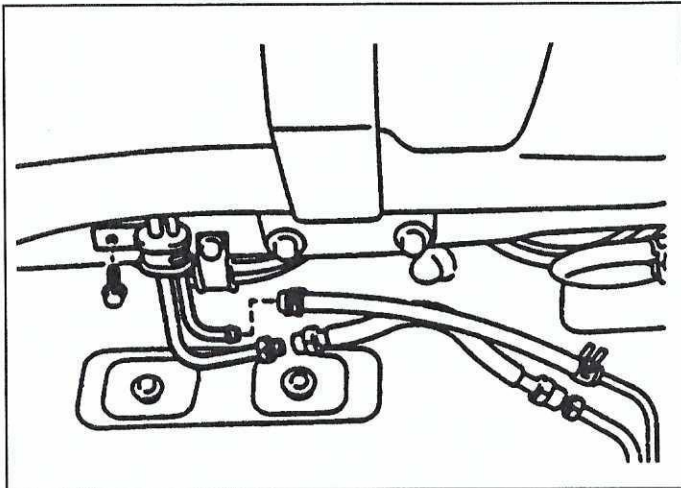
Torque: 375 kg-cm
(27 ft. lb., 37 N.m)

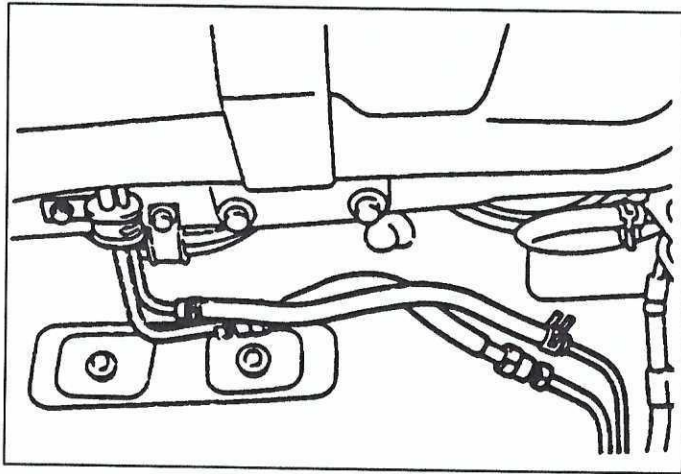
Note: Make sure that rubber protectors are correctly installed between the tank and tank beds.



3. Secure fuel pipe clamp to body at the front of the tank.

Torque: 120 kg-cm
(9 ft. lb., 12 N.m)

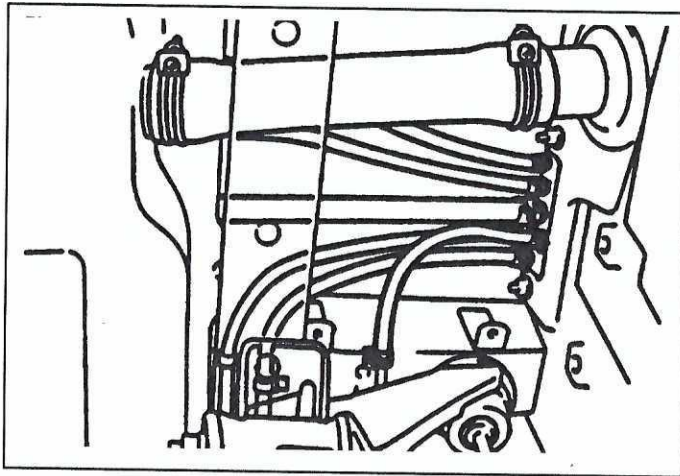




4. Connect and secure fuel return hose and pressure tube to the pipes.

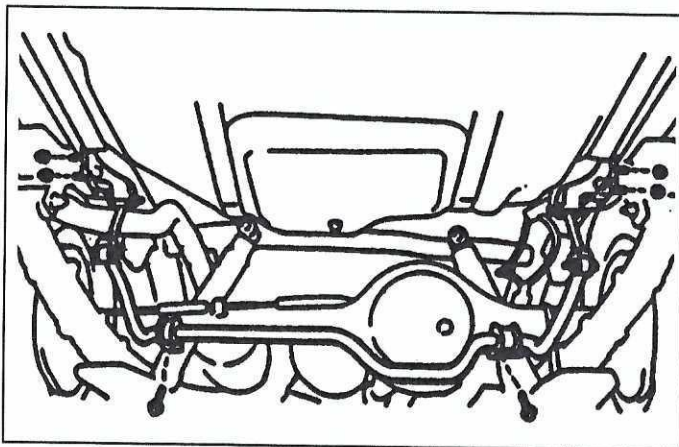
Note: Make sure that the hose, tube and pipes do not contact each other and/or other parts.

Torque: 310 kg-cm
(22 ft. lb., 30 N.m)



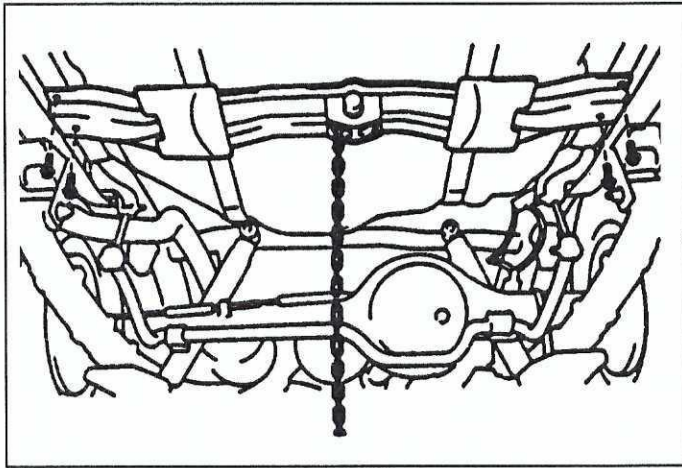
5. Connect fuel inlet hose to the fuel tank and secure hose clamps.
6. Connect 5 fuel hoses to fuel tube connector and secure them with clips.
7. Install 2 front fuel hoses (out of 5) into the clamps on the body.
8. Install fuel hose protector.

Torque: 65 kg-cm.
(4.7 ft. lb., 6.4 N.m).



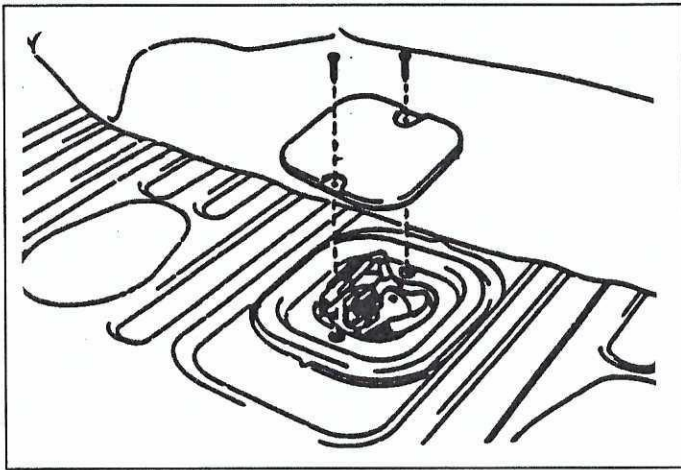
9. Using new self-lock nuts contained in the fuel tank service kit (P/N 04001-01160) and 2 bolts, install rear stabilizer together with the links and brackets.

Torque: For bolts 130 kg-cm
(9 ft. lb., 13 N.m).
For self lock nuts 185 kg-cm
(13 ft. lb., 18 N.m).

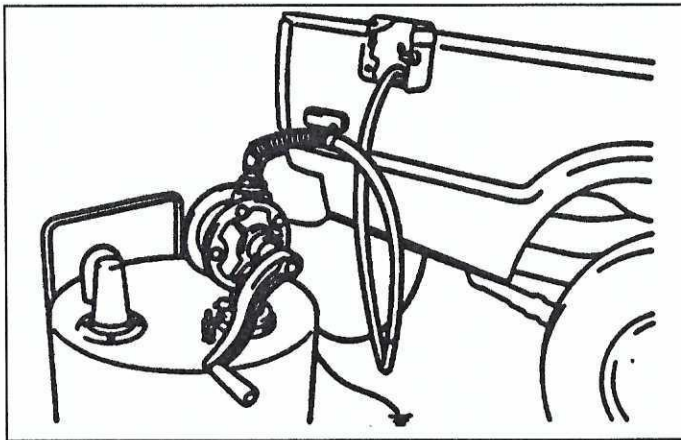


10. Install crossmember No. 5 together with the spare wheel carrier.

Torque: 400 kg-cm
(29 ft. lb., 39 N.m)

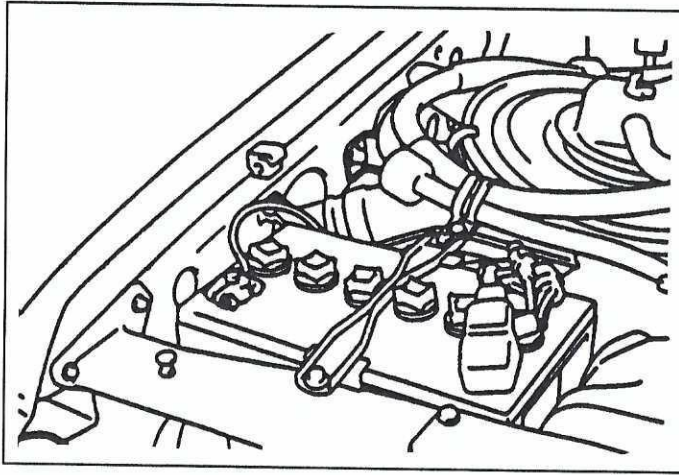


11. Connect fuel pump and sender gage wires.
12. Install rear floor service hole cover.
13. Install rear floor mat (and trim plate).

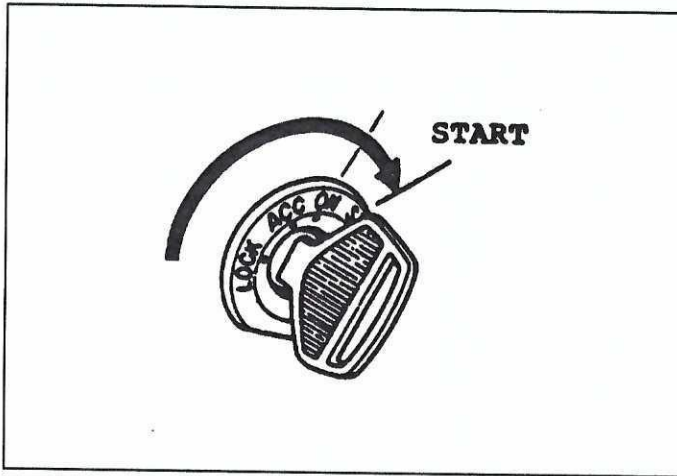


14. Refill fuel tank with drained fuel plus an additional 5 gallons and install fuel tank cap.

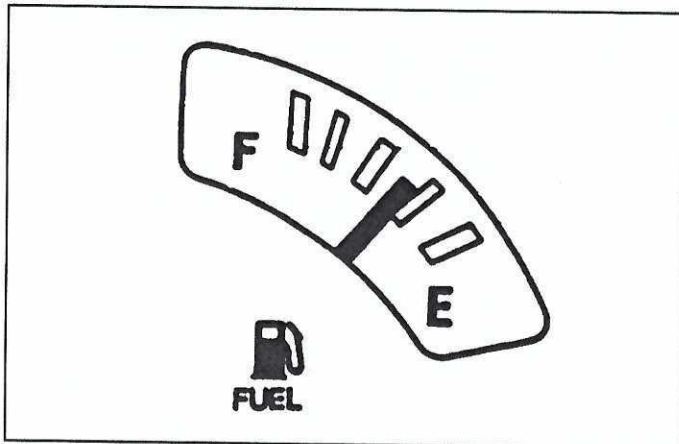
Note: Do not insert the fuel hose too deeply into the tank inlet.



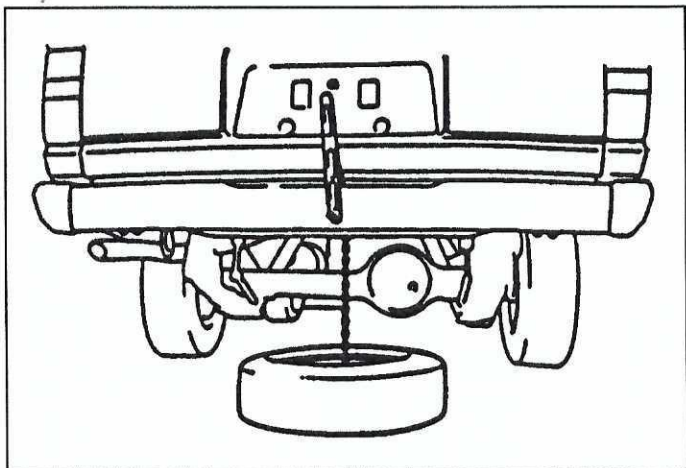
15. Reconnect negative battery cable.



16. Start engine and check for fuel leaks and proper operation.

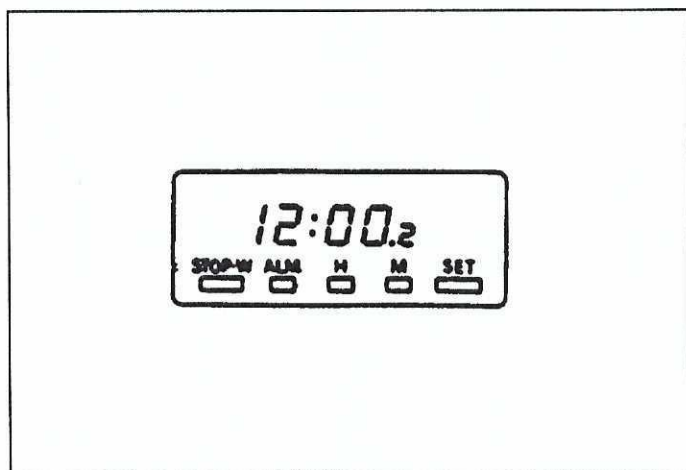


17. Check fuel gage for correct operation.



18. Reinstall spare wheel.

Torque: 340 kg-cm
(25 ft. lb., 33 N.m)



19. Reset the clock and, if the vehicle is equipped with a radio with electronic tuner, reprogram the preset radio stations.

F. SSC COMPLETION LABEL INSTALLATION PROCEDURE

1. After completing repair and before returning vehicle to the customer an SSC completion label that is enclosed in the owner's letter must be affixed to the firewall (next to the brake booster.) Make sure that the surface is clean and dry to ensure proper adhesion of the label.
2. The label is to be filled out as shown at left.
3. Additional SSC completion labels (P/N 00410-01917) may be ordered through the non-parts system on a 1450 order form or through the TDN system.

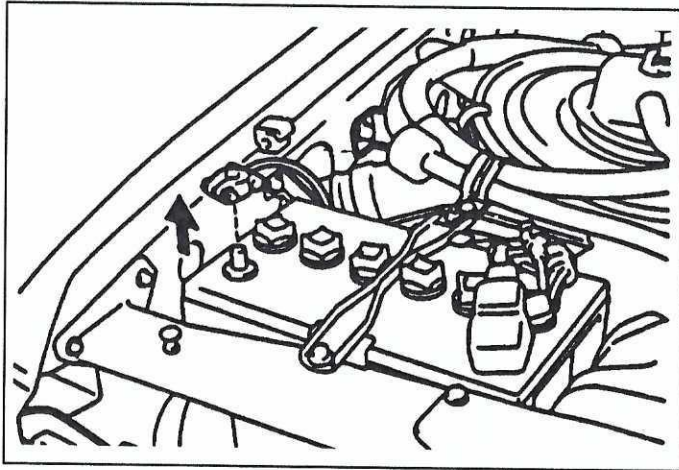
Write in SSC # M01 Write in date of repair

SSC	Date
TOYOTA MOTOR SALES, U.S.A., INC.	
DEALER CODE NO.	
00410-01917	

Write in your dealer code

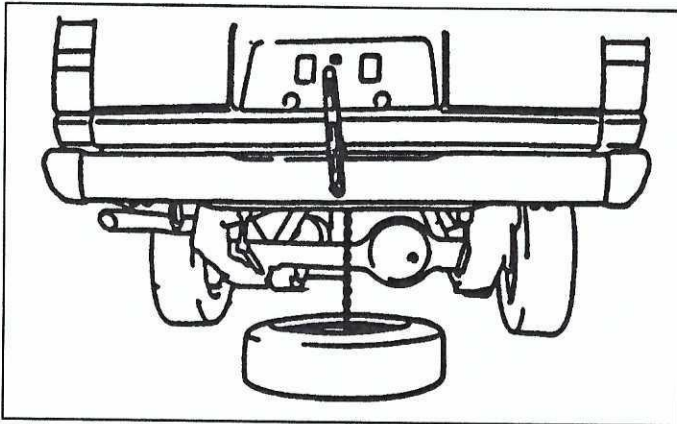
VI. FUEL TANK REPLACEMENT PROCEDURE (FOR 2F ENGINE VEHICLES - FJ60):

A. REMOVAL OF FUEL FROM TANK

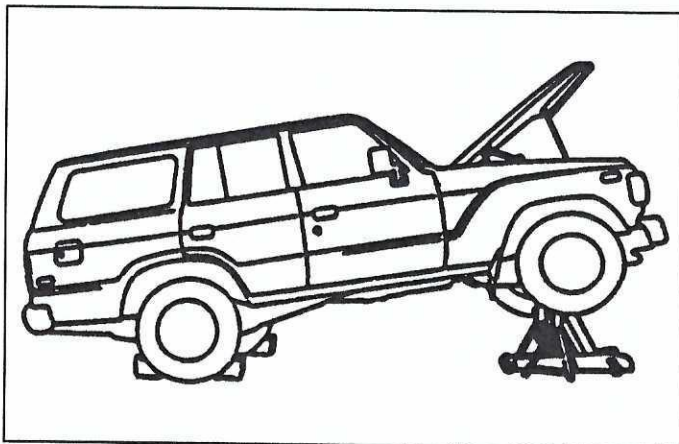


1. Disconnect negative battery cable from battery.

Note: Before disconnecting the battery cable, record the pre-programmed radio stations if the vehicle is equipped with a radio with electronic tuner.



2. Lower and remove spare wheel.



3. Block rear wheel, jack up and support front of the vehicle as high as possible, to enable fuel in the tank to be sucked up from fuel inlet as much as possible.