

Component Procedures: Fuel Tank

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Component Procedures: Fuel Tank

Parts and Labor (itype_189)

Parts

Qualifier	Part #	Name	Price	Note
Fuel Tank > 15 Gallon Tank	52018687AD	Fuel Tank	0.00	
Fuel Tank > 19 Gallon Tank	52018768AE	Fuel Tank	0.00	

Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Replace	Fuel Tank, R&R	B	1.8	1.0

Components (itype_392)

SYSTEM OPERATION

All models pass a full

360 degree

rollover test without fuel leakage. To accomplish this, fuel and vapor flow controls are required for all fuel tank

connections.

All models are equipped with either one or two

rollover valve

s mounted into the top of the fuel tank (or pump module). Refer to

Emission Control

System for rollover valve information.

An evaporation control system is connected to the rollover valve(s) to reduce emissions of fuel vapors into

the atmosphere. When fuel evaporates from the fuel tank, vapors pass through vent hoses or tubes to a

charcoal canister

where they are temporarily held. When the engine is running, the vapors are drawn into the intake manifold.

Certain models are also equipped with a self-diagnosing system using a

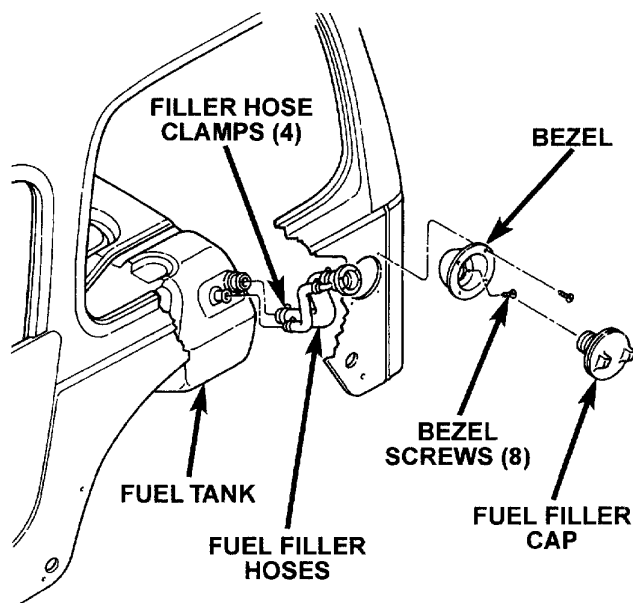
Leak Detection Pump

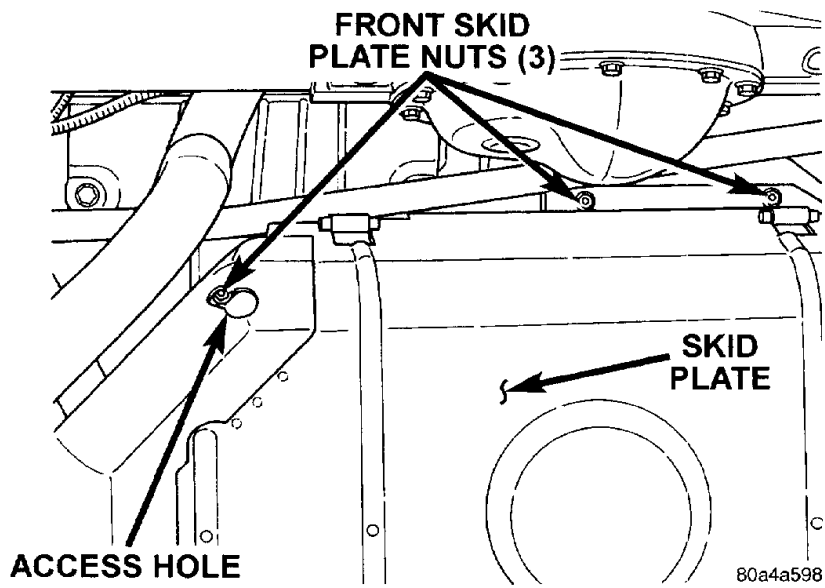
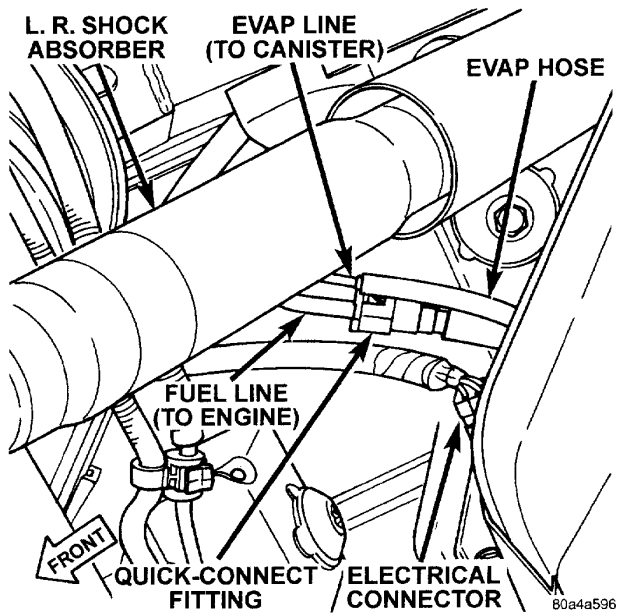
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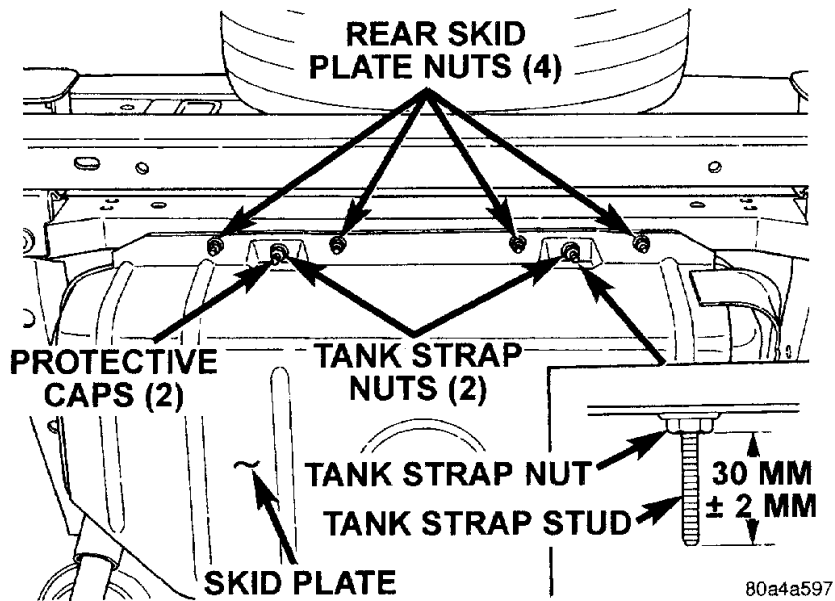
LDP

). Refer to Emission Control System for additional information.

Procedures (itype_376)







Technician Safety Information (itype_15)

CAUTION

: Remove

fuel tank filler tube

cap before servicing any

fuel system

component. This is done to help relieve tank pressure. If equipped with a California emissions package and a Leak Detection Pump

(

LDP

), the secondary seal below the fill cap must be pressed (opened) to relieve fuel tank pressure.

Capacities (itype_30)

With Standard Tank 15 gal (US)

With Optional Tank 19 gal (US)

Fluid Types and Capacities (itype_436)

Capacities

With Standard Tank 15 gal (US)

With Optional Tank 19 gal (US)

Mechanical (including Torque) (itype_28)

Fuel Tank Skid Plate Mounting Nuts 16 Nm