

# FixItSmartly - Engine Inspection Guide

## Gas Tank Removal Safety Guide

Branded by FixItSmartly

Removing a fuel tank requires caution, the right tools, and a clear plan. Whether you're replacing a fuel pump or repairing leaks, follow these safety steps for a secure job.

### TOOLS & SUPPLIES NEEDED

- Car jack and jack stands or vehicle lift
- Wrenches and socket set
- Screwdrivers and pliers
- Fuel line disconnect tool (if needed)
- Fire extinguisher (Class B)
- Container for old fuel
- Rags, gloves, and safety goggles

### STEP 1: SAFETY FIRST

- Work in a well-ventilated area.
- Keep fire, sparks, and static far from the work zone.
- Disconnect the battery to avoid accidental sparks.
- Have a fire extinguisher nearby and ready.

### STEP 2: RELIEVE FUEL SYSTEM PRESSURE

- Remove the fuel pump fuse or relay.
- Start the engine and let it stall to relieve pressure.

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- Turn off ignition and disconnect battery afterward.

## STEP 3: DRAIN THE GAS TANK

- Use a siphon pump to remove fuel into a certified gas container.
- Do not rely on gravity or household tools use proper equipment.

## STEP 4: RAISE THE VEHICLE SAFELY

- Use ramps or a jack with jack stands to lift the vehicle securely.
- Double check that the car is stable before crawling underneath.

## STEP 5: DISCONNECT FUEL LINES & ELECTRICAL

- Label and disconnect the fuel lines, hoses, and wiring.
- Use a fuel line removal tool for quick-release connections.

## STEP 6: REMOVE STRAPS AND LOWER THE TANK

- Support the tank with a floor jack.
- Remove the retaining straps or bolts holding the tank in place.
- Carefully lower the tank and move it out from under the vehicle.

## STEP 7: FINAL CHECKS

- Inspect the tank for damage or corrosion.
- Replace seals or gaskets as needed before reinstallation.
- Dispose of old fuel and parts according to local safety laws.

Pro Tip: Never work alone when removing a gas tank. Have a partner nearby for added safety.

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Stay smart. Stay safe. Fix it rightFixItSmartly.