

## 1992-1993 Dodge Dakota All Cab and Bed Lengths

### 3.9L and 5.2L Motors

Fuel line kit, Main fuel line from filter forward and return fuel and vapor from female quick connect tank to engine.

**Take time to read all the literature that came with this kit. All Flexible nylon fuel kits can be installed into the factory clips and clamps or you can use the new plastic ties that are provided in the kit.**

**Removal:** Depressurize the fuel system per manufacturer instructions. Disconnect main, return and vapor fuel line at the filter and remove old filter. To disconnect the fuel lines from the filter or engine lines, if needed use disconnect tool (inline tube Part # TLF10) or similar. Now move to engine compartment and disconnect the fuel lines at engine. Mount new fuel filter in the same location as original.

1. **Main Fuel Line:** Find the two main fuel lines marked with GREEN tape in the new nylon kit. Starting at the tank, use the shorter line to connect the sending unit to female quick connect fitting on the fuel filter. Taking the second line, connect it to the other side of the filter. run line forward in the same routing as existing line and attach the quick disconnect fitting to the fuel rail. This new routing will eliminate the connection at the frame. Once the line is free and clear of rubbing or hot surfaces, secure in place and use the supplied union to shorten the line if necessary.
2. **Fuel Return Line:** Find the line with the marked with BLUE tape, this is the fuel return line. Starting at the sending unit make the connection using the quick disconnect. Route the line forward following the original routing. Make the connection at the fuel rail. Once the line is free and clear of rubbing or hot surfaces, secure in place and use the supplied union to shorten the line if necessary same as the supply. Make sure to stagger your cuts make sure they will fit into the stock clips.
3. **Fuel Vapor Line:** Starting again at the sending unit, slip the rubber hose over the connection on the sending unit and route the lines forward, matching the stock routing. Route forward to the engine and use the rubber hose to make the connection at this end as well. Secure the line as before and use the supplied union to shorten the line if necessary.
4. Clean up the routing areas of lines, make sure the line is not rubbing on anything and Apply the "**CAUTION FUEL LINE**" sticker so that future mechanics know that this is a fuel line.
5. Reconnect the battery, Pressurize the system and check for leaks. If everything is dry, your install is complete.

#### **IMPORTANT SAFETY INFORMATION**

- Never smoke in or near repair bays or garages. Vehicles contain flammable and combustible fluids which can easily be set on fire if they come into contact with fuel.
- Make sure to drain all fuel lines or any component that may have fuel in it that can come in contact with spark, heat or flame. Do not work on vehicle while running or after being run or while hot. Let vehicle cool down for a couple of hours before working on fuel lines.
- Keep work areas clean and organized. Pick up rags and tools to keep work area clear and free.
- Wear protective gear at all times, as appropriate for the repair. (Goggles, gloves, respirator, etc.)
- Make sure fire extinguishers are easily accessible and appropriate for all potential fire types. In the event of a fire, extinguishers need to be accessed quickly.
- Always disconnect the battery when working on fuel systems.
- Never work underneath a vehicle unless it has been properly supported. Raising the vehicle off the ground to access the underside requires verifying it is stable.
- Always remove the keys from the ignition switch. as the key can draw an electrical charge from the battery, there is a risk of electrical shock, and/or electrical spikes that may spark.
- Be aware of the vehicle's temperature before beginning any work. The engine, manifold, exhaust system, and radiator could be hot and can cause skin burns or fire.