A Division of Thiessen Products, Inc.

Instruction Sheet For Tool No. 5530

Remote Fuel Supply for Fuel Injected Models

No. **5530** Remote Fuel Supply allows Harley-Davidson EFI motorcycles to run engine with fuel tank removed for diagnostic and tuning purposes. Use on all H-D EFI models with Delphi® fuel injection.



Caution: Gasoline is highly flammable. Use this tool in a well ventilated area. Wipe up any spilled fuel immediately. Wear eye protection or a full face shield and wear protective clothing. Do not smoke or have any flame/heat source nearby. Always relieve pressure in fuel line before disconnecting. Keep a fire extinguisher nearby that is capable of extinguishing a gas fire. JIMS cannot be responsible for your safety or the quality of your work.

RECOMMENDED TOOLS AND SUPPLIES

- Air compressor with air chuck
- Gasoline
- Service Manual for year and model bike being serviced
- JIMS No. **955** Fuel Pressure Test Gauge Tool

1. **Important Note:** Before Use, tighten cap. Pressurize with air to 55 psi. Hang the tool in an open area and monitor the pressure gauge for approximately 20 minutes to verify that the assembly holds pressure. If there is **any** pressure leakage, **do not** use this tool. Call JIMS sales department at (805) 482-6913.
2. Remove fuel cap from JIMS Remote Fuel Supply canister and fill with gasoline approximately 1/2 – 3/4 full. Install cap tight.
3. Bleed pressure from fuel line by removing fuel pump fuse and starting engine. Let engine run until it stalls, then crank engine 2-3 times until fuel line is no longer pressurized.
4. Follow service manual procedure for fuel tank removal.
5. Connect JIMS Remote Fuel Supply to fuel line.
6. Pressurize air fill valve with air compressor using standard tire chuck. **Do not fill over 62 PSI.**
7. Start and run engine. If the bike must run for extended periods, monitor air pressure while running. Remote Fuel Supply may need re-charging for extended run times. Pressure should not drop below 55 PSI for optimum performance.
8. Use JIMS No. **955** Fuel Pressure Test Gauge Tool to verify fuel pump performance is within specifications listed in H-D service manual.
9. Complete fuel tank installation following service manual for year and model bike being serviced.
10. Drain fuel from tool for storage.

Caution: If any fuel leakage is observed, shut off ignition switch or handlebar run/off switch immediately. Wipe up any spilled fuel and dispose of rags in a safe manner.

Caution: Do not store fuel in Remote Fuel Supply Bottle when not in use. Modern fuels contain ethanol which do not store well. Drain after use.

CAUTION: Wear safety glasses over your eyes.
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