

INSTRUCTION SHEET FOR TOOL #942

IGNITION SWITCH CONNECTOR REMOVER TOOL

Use on all FL touring models on 2003 to present and all V-Rod models 2002 to present.

**READ ALL INSTRUCTIONS BEFORE PERFORMING WORK!
IF YOU DO NOT KNOW WHAT YOU ARE DOING, DO NOT DO IT!**

No information in this instruction sheet pertaining to motorcycle repair is represented as fool-proof or even altogether safe. Some people can ruin a mechanic's vise with a tack hammer. Even something safe, done incorrectly or incompletely can and will backfire. You are responsible for the safety of your work and knowledge of the tools, repair equipment, components, methods and concepts needed to complete these tasks. You must carefully and systematically perform each and every step safely. All information listed in this instruction sheet has been tested, re-tested and used daily in JIMS Research and Development Department.

**JIMS® IS NOT RESPONSIBLE FOR THE QUALITY
AND SAFETY OF YOUR WORK!**

If you are not sure about any of the procedures in these instructions, have a reputable H.D. repair shop perform these procedures for you.

WARNING: Always disconnect the Battery Ground Cable (at the battery) to prevent injury. Your work area should be well lit. Wear safety glasses (over your eyes) and protective clothing when working around power tools and compressed air. Be careful with chemicals when cleaning parts. Protect your skin from solvents and use only in a well-ventilated area. Degreasers are flammable and are a fire hazard. Just use common sense and exercise good judgement.

Removal Procedures:

Refer to H/D service manual or equivalent for the year and model you will be repairing to access to the ignition switch connector area.

Warning: Disconnect the negative ground cable at the battery or Maxi-fuse as indicated in service manual.

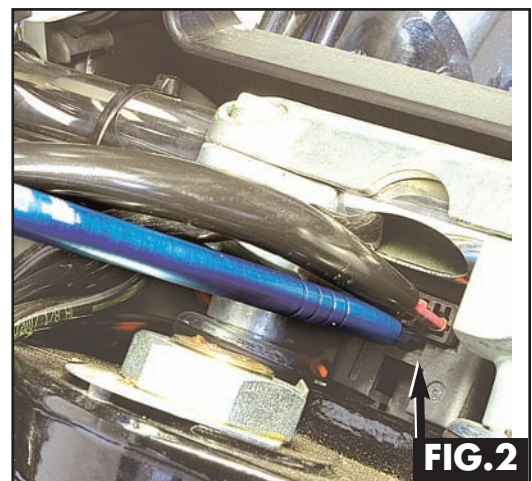
Note: Below you find one example of how to remove the ignition switch connectors from the main harness (the male portion of connector from the female connector's socket) using JIMS® Tool No. 942.

1. Gently place the flat tip of tool No. 942 into the bottom [6:00 O'clock] of the main harness wire (female) connector. You may feel a slight resistant when the tip is at a about the 1/4" depth.

See Fig 1.

Note: Do not force the tool's tip into the connector. Gently insert. It is designed to move a lock tab from its locked position.

2. You should feel the release of the connector tabs. Then gently pull the wiring of main harness (male connector) and tool at the same time, to free it from the female connector. **See Fig 2.**



**CAUTION: WEAR SAFETY GLASSES. EXCESSIVE FORCE MAY DAMAGE PARTS!
SEE JIMS® CATALOG FOR HUNDREDS OF TOP QUALITY PROFESSIONAL TOOLS.
THE LAST TOOLS YOU WILL EVER NEED TO BUY.**

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