

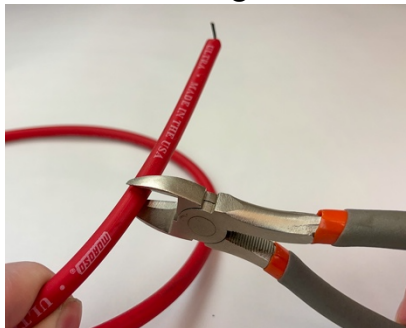


INSTALLATION INSTRUCTIONS

Universal Wire Sets Mag Tune/Ultra/Ultra 40/Blue Max

Note: to ensure your engine's proper firing order, we recommend you replace only one wire at a time.

1. Determine the required wire length of each cylinder and choose the shortest wire that is long enough to reach. Cut the end of the wire to proper length with a side cutter or razor blade. Allow for some extra wire if possible, to compensate for cutting/terminating the wire (which will reduce length slightly), as well as clocking the distributor (if applicable).



(For HEI wire sets proceed to step 3)

2. For non-HEI distributor boots/terminals only. Lubricate the end of the wire with a silicone spray lubricant or dielectric grease, then slide a boot over the end of the wire. Pull the boot up the wire a minimum of 3-1/2" for stripping tool clearance.



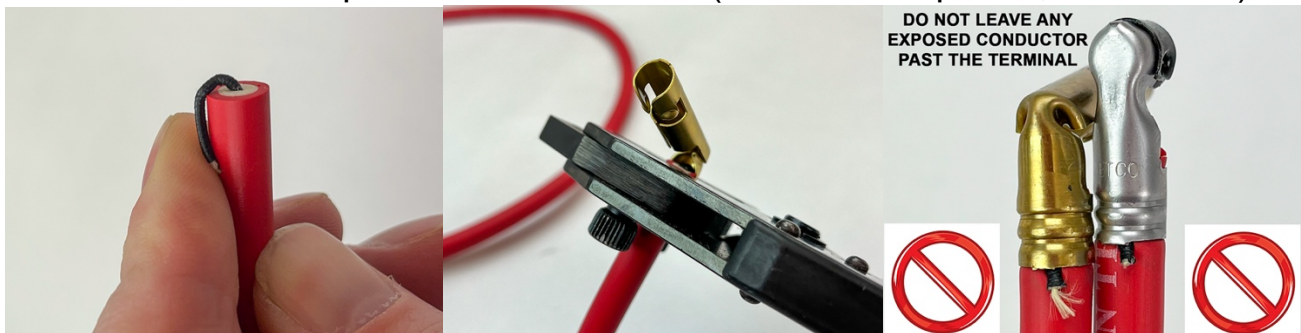
3. Strip at least 1/2" of insulation away from conductor using a wire stripping tool. Be extremely careful to not cut the conductor. (If this tool is not supplied, use Moroso P/N 62270 or 62272)



- Remove the cut insulation and wire stripping tool. Trim any loose strands from the wound conductor; side cutters are best for this.



- Fold the conductor back over the insulation, slip the terminal over the lead and crimp terminal to the wire. (Moroso Crimp Tool; P/N 62268)



For HEI wire sets and spark plug ends, lubricate the end of the wire and terminal and push into boot.

For Non-HEI distributor ends, lubricate the end of the wire and terminal and pull the boot over the terminal. With both styles, check to make sure that the terminal is properly sealed and aligned in the boot.



Examples of how terminal types should be seated in boots pictured above.

6. Check the assembled wire's continuity with an ohm meter or multimeter. Moroso wires should ohm out as follows.

Ultra 40 – 40 ohms/ft
Mag Tune & Ultra – 350 ohms/ft
Blue Max – 800 ohms/ft
Blue Max Solid Core – 0 ohms/ft

Example: The Ultra wire shown below is about 35". With the multimeter set to 1K ohms, we get a reading of 1,011 ohms. Some quick math will help us confirm if this is within spec.

$$35"/12" = 2.9 \text{ ft.}$$

350 ohms x 2.9 ft = 1020 ohms, thus this wire is in the target range. Readings that are significantly higher or lower can indicate a poorly terminated or damaged wire.



NOTE: Proper care must be taken when stripping and installing terminals so that the conductor integrity and continuity is maintained. If the conductor is broken or cut, the result will be an engine that misfires due to internal arcing (which could also cause radio interference) or arcing directly to ground.

WIRE CARE: If cleaning is needed, wipe down with a silicone spray. DO NOT USE PARTS CLEANER OR OTHER SIMILAR SOLUTIONS.

**For Technical Assistance, Call Moroso's Tech Line at
(203) 458-0542, 458-0546 8:30am – 5:00pm Eastern Time**

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