

A U T O T E C H

Sport Tuning

Installation Instructions

www.autotech.com

PART NUMBER: 10.903.201 - 10.903.204

DESCRIPTION: SPORTTUNED ALTERNATOR WIRE HARNESS FOR POST-TYPE ALTERNATORS

Thank You for purchasing an Autotech Sporttuned Alternator Wire Harness. Please read through the instructions prior to installation to determine which procedure to follow for your particular car.

1. If you have a code-protected radio, make sure you know the code **before** proceeding.
2. Disconnect the negative battery terminal from the battery.
3. Remove the nut securing the factory alternator wire to the B+ post (large) on the alternator.
4. If you are installing the Autotech wire as a supplement to the factory wire, first clean any corrosion and/or dirt off the factory terminals, then lay the Autotech wire on top of the alternator B+ post (large), exiting through the downward opening. Lay the factory wire on top of the Autotech wire and tighten the retaining nut to 12 ft. lb. Next, route the Autotech wire behind the A.C. hoses (if so equipped) to either the large starter solenoid battery terminal, or directly to the battery itself. If you choose to mount the wire to the starter solenoid, place the Autotech wire on top of the factory alternator wire, then put on the washer and tighten the nut.*
5. If you are installing the Autotech wire as a replacement for the factory wire, you will first need to remove the factory wire and/or harness with exciter wire.

Removal:

For Golf models, the exciter wire (blue) has no second connector except at the fusebox, so do not cut or remove it when removing the factory alternator wire. Remove the nuts securing the factory alternator wire and exciter wire at the alternator. Then, remove the nut at the starter solenoid battery terminal. You will then have to open up the loom and take the alternator wire out.

For all other models, the exciter wire (blue) is housed in a sheath along with the alternator wire. Remove the entire sheath containing both alternator and exciter wires from the car by removing the nuts at both the alternator end and the starter solenoid end of the harness. Then, remove the exciter wire nut on the alternator and unplug the exciter wire at the connector by the battery.

Installation

For Golf models, place the Autotech wire on the B+ post (large) with the wire exiting downward, and tighten the retaining nut to 12 ft. lb. Next, route the wire behind the A.C. hoses (if so equipped) to either the large starter solenoid battery terminal, or directly to the battery itself. If you choose to mount the wire to the starter solenoid post, place the Autotech wire on top of the factory wire, then put on the washer and tighten the nut.*

(over)

Installation (cont'd)

For all other models, place the Autotech wire on the B+ post (large) with the wire exiting downward, and tighten the retaining nut to 12 ft. lb. Next route the loom with exciter wire behind the A.C. hoses (if so equipped) to either the large starter motor battery terminal, or directly to the battery itself. If you choose to mount the wire to the starter motor post, place the Autotech wire on top of the factory wire, then put on the washer and tighten the nut.* Place the spade adaptor on the D+ (small) alternator terminal and tighten the nut to 27 in. lb., then plug the exciter wire into the spade adaptor on the alternator, and plug the other end into the connector near the battery.

6. After checking for any shorts at the alternator, starter motor, and battery connections, re-install the negative battery cable.

*Note: While tightening the starter motor nut, support the Autotech wire terminal with your hand so that it doesn't move and hit the smaller ignition switch terminal-lead as you tighten the nut.

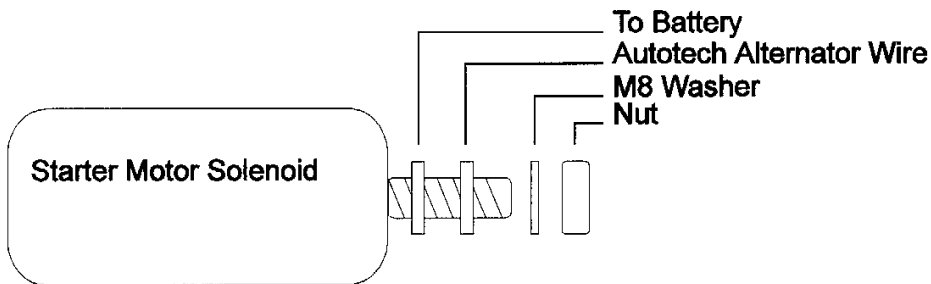


Diagram of wire placement if starter motor is used as the termination point