

## **79-93 Mustang High Torque Mini Starter Troubleshooting Guide**

1. Verify that the starter was wired properly. Is the large starter wire on the relay post closest to the strut tower along with the battery positive cable? Is the small starter wire on the relay terminal closest to the battery and is by itself?

Yes – Go to Step 2	No – Re-watch the installation video and correct the wiring connections as needed.
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2. Check ground cable connection. Is it tight, secure and free of corrosion?

Yes – Go to Step 3	No – Repair or replace negative battery cable.
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3. Using a volt meter, check battery voltage. Is it 12v or higher?

Yes – Go to Step 4	No – Charge or replace battery.
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4. Using a volt meter, check for voltage at terminal 2 in “Image A” below. Is it 12v or higher?

Yes – Go to step 5	No – Repair or replace positive battery cable.
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5. Using a volt meter, check for voltage at terminal 1 in “Image B” below. Is it 12v or higher?

Yes – Go to step 6	No – Repair or replace large starter cable.
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6. Remove the small trigger wire from terminal 3 in “Image A” below. With a helper attempting to start the car, use a volt meter to check for voltage at the small trigger wire connector. Is it 12v or higher?

Yes – Go to step 7	No – *Check trigger wire for opens or shorts *Check Neutral Safety Switch (auto trans) *Check Clutch Pedal Position Switch *Check Ignition Switch
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7. Reconnect small trigger wire to terminal 3 in “Image A” below.

8. Remove the small starter wire from terminal 1 in “Image A” below. With a helper attempting to start the car, use a volt meter to check for voltage at terminal 1 in “Image A” below. Is it 12v or higher?

Yes – Go to step 9	No – Replace Starter Relay
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9. Reconnect the small starter wire to terminal 1 in “Image A” below.
10. Remove the small starter wire from terminal 2 in “Image B” below. With a helper attempting to start the car, use a volt meter to check for voltage at the small starter wire connector. Is it 12v or higher?

Yes – Replace Starter	No – Repair or replace small starter wire.
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Image A

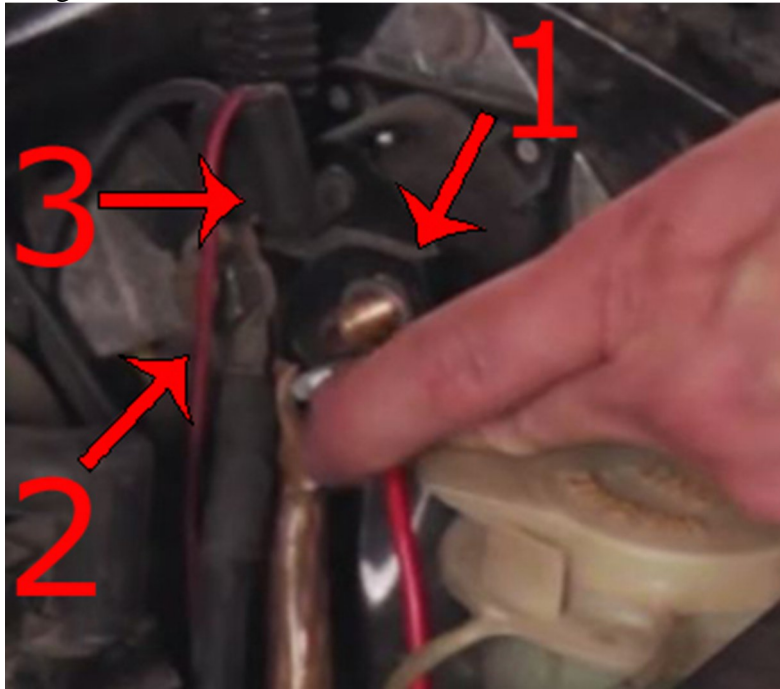


Image B

