



05-12 Triumph Sprint 1050 ST Starter Cable Installation Instructions

Tools/Supplies recommended:

1. 10 mm combination wrench
2. 10 mm socket with suitable drive ratchet and 12" extension
3. 8 mm socket
4. Metric Hex driver set
5. #2 Phillips screw driver
6. Triumph Shop Manual
7. Light machine oil or rubber lubricant
8. Loctite® 242 (Blue)

Included Parts:

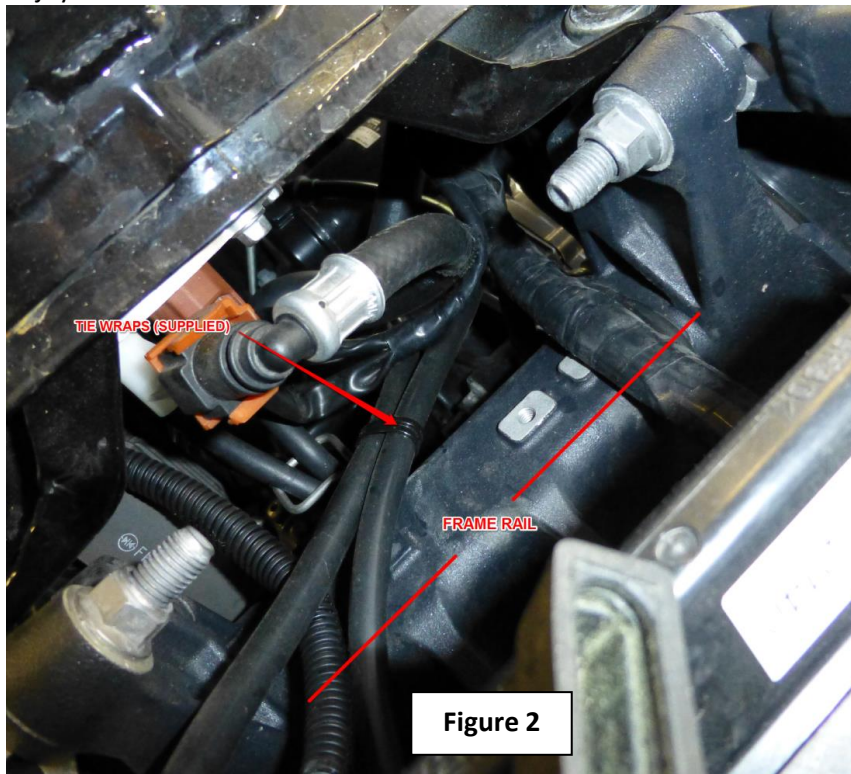
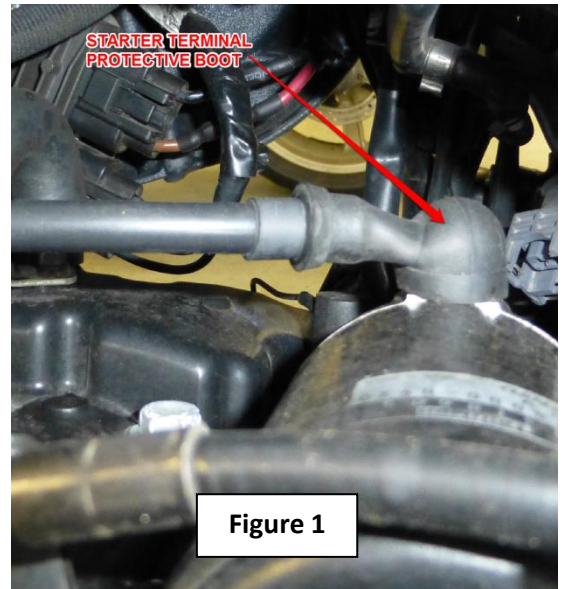
1. Battery-Relay Cable (RED)
2. Relay-Starter Cable (LONG BLACK)
3. Battery-Ground Cable (SHORT BLACK)
4. (2) Tie Wraps
5. Replacement ground stud
6. Ground nut
7. Installation Instructions
8. Stoltec Moto decal

Expected Installation Time: 30-45 minutes

Installation Notes: Stoltec Moto thanks you for purchasing the 05-12 Triumph Sprint 1050 ST Starter Cable Kit. Installation should only be performed by experienced motorcycle mechanics. If you do not possess the tools or experience to complete this installation, contact a qualified mechanic. Failure to properly install this part could result in loss of property, injury, or death. Stoltec Moto, LLC is not responsible for damages incurred from improper use or installation.

1. Remove seat and battery per Triumph Shop Manual. Fuel tank removal is recommended.
2. Using the 10 mm combination wrench (or 10 mm socket with suitable drive ratchet and 12" extension if fuel tank was removed), remove battery ground bolt from top of transmission to loosen ground cable. Do not remove the ground cable as the new cable will be supplemented by the old.
3. Using a 3 mm Allen Key or Hex driver, install replacement ground stud. Apply Loctite® 242 (Blue) to threads.
4. Slide protective rubber boot back from positive starter terminal to expose nut. **DO NOT DISCARD OR DAMAGE BOOT.**
5. Using the 10 mm combination wrench, remove starter terminal nut to free starter cable. Retain.
6. Remove starter relay located behind battery. Remove clear plastic protective shroud over terminals. Retain shroud.
7. Using 10 mm combination wrench or #2 Phillips screw driver, disconnect cables from starter solenoid terminals. Red positive cable will not be reused. Factory starter cable can be removed, if desired. Note: some models incorporate starter cable into harness. We do not recommend disassembling the harness.
8. Lightly smear inside of protective boot with light machine oil or rubber lubricant. Slide boot over straight connector on LONG BLACK cable.
9. Route LONG BLACK cable through bottom of under seat tray, over frame rail. Attach connector to starter terminal. Temporarily install nut loosely.
10. Connect 45° connector on SHORT BLACK cable to engine ground with supplied ground stud. Temporarily install NEW nut loosely. Route cable alongside LONG BLACK cable over frame rail into the front of the under seat tray. We recommending leaving factory ground in place as removal will disable ABS functionality!

11. Connect 90° degree fittings of both RED and LONG BLACK cables to starter relay. Ensure fittings are straight. Reinstall clear plastic protective shroud, connect harness connector, and reinstall relay.
12. Tighten engine ground nut and starter terminal nut to recommended factory torque specifications. Reinstall protective rubber boot over starter terminal per Figure 1. This is a high current connection, so ensure this is fully seated!
13. Using supplied tie wraps, secure both LONG BLACK and SHORT BLACK cables together directly over frame rail per Figure 2.
14. Reinstall battery and connect cables per recommended factory torque specifications.
15. Turn ignition ON and depress starter button. Ensure proper operation (bike will not start if fuel tank is removed).
16. Reinstall fuel tank.
17. Reinstall seat.
18. Ensure all fasteners are torqued per Triumph Shop Manual.
19. Enjoy faster starts!



Technical Support: sales@stoltecmoto.com