

4. **Select:** Campaign number 0635.

NOTE

Make sure that software version V22.6 or later is installed on Digital Technician II (DT II).

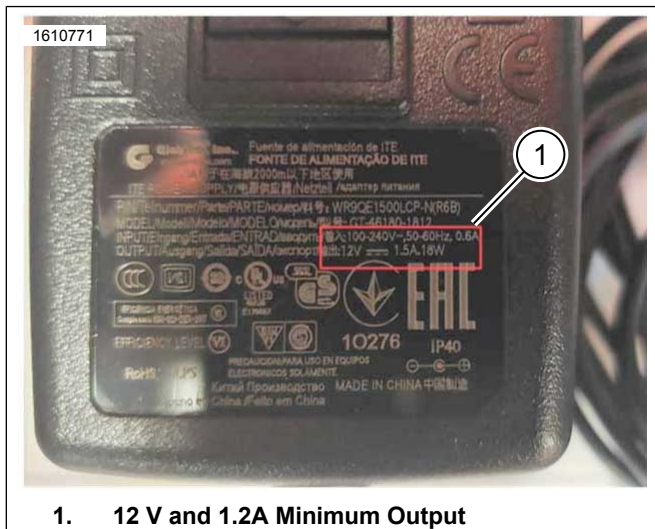
NOTE

See Figure 1. External power adapter must be plugged into TL-3 for Electronic Control Module (ECM) reflash procedure to prevent unrecoverable lockups.

- See Figure 2. The external power adapter must have an output of at least 12 V and 1.2 A. This includes the power adapter included with the TL-3 or the adapter for the DT II.
- The vehicle battery should be fully charged prior doing the software update.
- Have a battery tender connected to the battery while performing software update.



Figure 1. External Power Adapter



1. 12 V and 1.2A Minimum Output

Figure 2. 12 V and 1.2A Output

Touring, Police Touring and CVO Touring

1. Update BCM using DT II.
 - a. DT II Software version: v22.8.4 or later.

- b. BCM Software version: 28794018 YM0 or later.

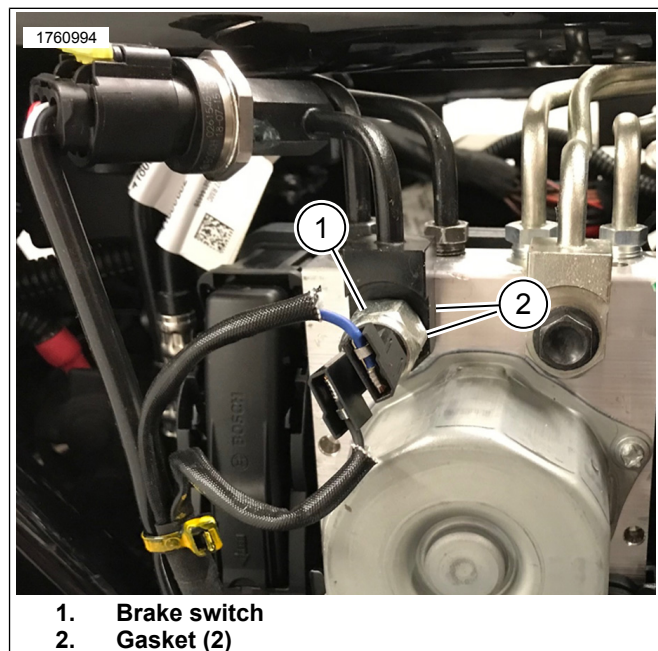
Trike and CVO Trike

NOTE

Trike and CVO Trike vehicles require the installation of Recall Kit (Part No. 91500112) in addition to a BCM software update. Follow the Hydraulic and Electrical steps for the brake switch and wiring installation prior to completing the BCM software update.

Hydraulic Portion of Trike Brake Switch Rework

1. Remove left and right side covers. See service manual.
2. Remove rear master cylinder to Electro Hydraulic Control Unit (EHCU) banjo bolt. Discard gaskets.
3. See Figure 3. Install rear brake switch (1) banjo bolt (Part No. 72025-06B).
 - a. Install two **new** gaskets (2) (Part No. 41751-06A).
Torque: 19–21 ft-lbs (25.5–28.5 N·m) *Rear Brake Switch Banjo Bolt*
4. Bleed brake system using special tool.
Special Tool: DIGITAL TECHNICIAN II (HD-48650)



**1. Brake switch
2. Gasket (2)**

Figure 3. Brake Switch

Electrical Portion of Trike Brake Switch Rework

1. Remove left and right side covers. See service manual.
2. Remove main fuse.
3. Remove battery. See service manual.
 - a. Gain access to left ground stud and main harness.

4. See Figure 4. Install jumper terminal (Part No. 69203239) into cavity (F3) of the BCM connector.
 - a. See Figure 5. Using cable strap (2) secure jumper harness (1) to main harness.
5. See Figure 6. Route and install jumper ring terminal to left side ground stud.
 - a. Using cable strap (2) secure jumper harness (3) to main harness.
6. Route jumper harness (3) behind EHCU assembly and secure using cable straps (2).
7. See Figure 7. Install flag terminals (1) to **new** brake switch.
8. Install battery. See service manual.
9. Install main fuse. See service manual.
10. Install BCM calibration using special tool.

Special Tool: DIGITAL TECHNICIAN II (HD-48650)

 - a. DT II Software version: v22.8.4 or later.
 - b. BCM Software version: 28794018 YM0 or later.
11. Install left and right side covers. See service manual.

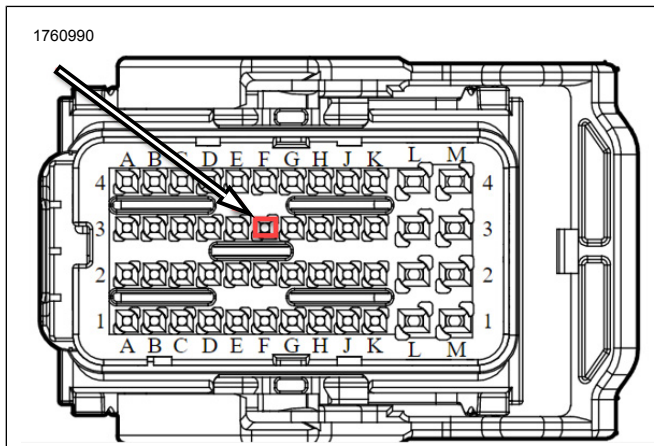
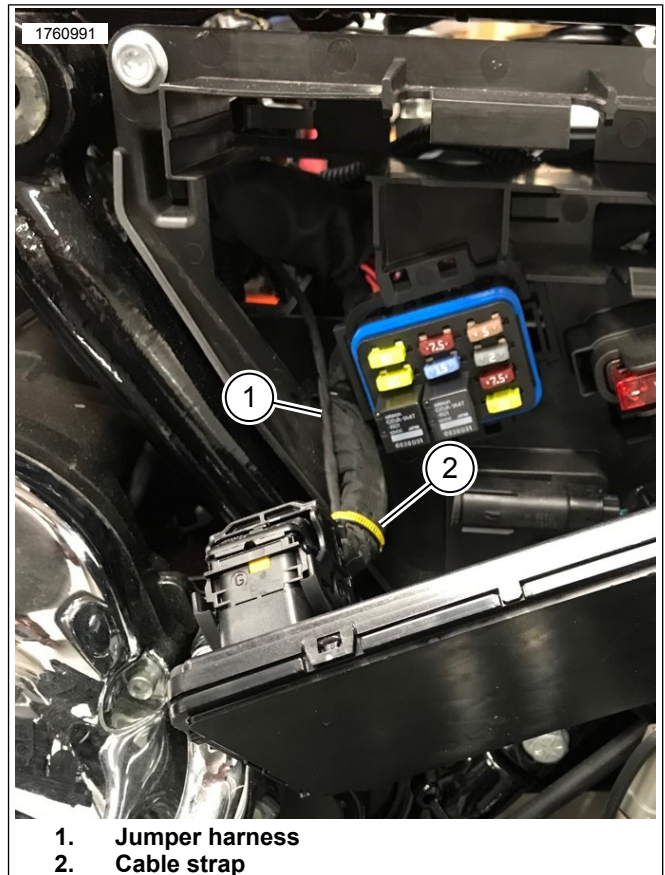
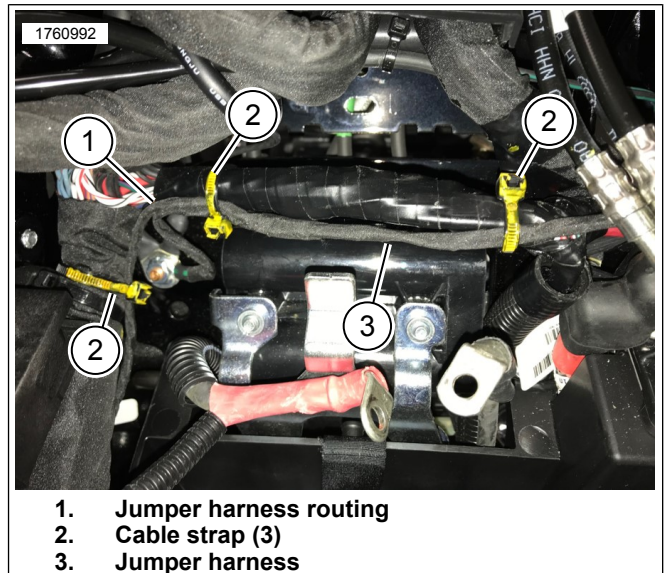


Figure 4. BCM Pin Location



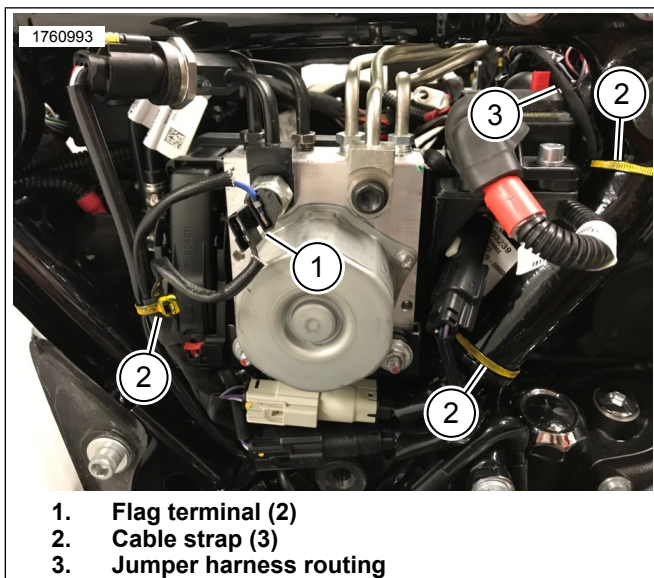
1. Jumper harness
2. Cable strap

Figure 5. Jumper Harness BCM Connector



1. Jumper harness routing
2. Cable strap (3)
3. Jumper harness

Figure 6. Jumper Harness Routing



1. Flag terminal (2)
2. Cable strap (3)
3. Jumper harness routing

Figure 7. Brake Switch

Trike External Brake Switch DTII

NOTE

New brake switch must be installed and brake system bleeding has been performed.

DT II Software version: v22.8.4 or later.

1. Option for configuration found under **Vehicle Setup**.
2. **Select:** Trike Configuration
 - a. Follow steps in DT II.
 - b. Update Vehicle.
 - c. Answer external brake switch question.
 - d. Start brake pedal operation.
3. Monitor countdown.
 - a. If functioning correctly the BCM will notice the brake switch input at pin F3.
 - b. The count down will then be automatically stopped and be continued to the next screen.
4. Did the stop lamp illuminate while depressing rear brake pedal?
 - a. You will need to visually confirm that the brake lights did in fact turn on when the brake pedal was pushed.
 - b. If you did not notice during the previous step you can recheck again now.
 - c. Verify brake switch operation and confirm.

Troubleshooting

Conditions for a failed configuration:

1. BCM software needs a reflash to the latest version.

2. Rear brake switch input not being received at BCM.
 - a. Incorrect install.
 - b. Brakes not bled so there is no pressure at the switch.
 - c. Switch not functioning.
 - d. Open in wire harness.
 - e. Brake pedal was not pressed twice.
3. When asked if vehicle is equipped with external brake switch and was answered NO.

Credit Procedure

Talon/h-dnet.com Warranty Claim System Users-Touring Models. For each vehicle involved in this recall (involvement of VIN has been verified on h-dnet.com), submit a recall claim per Table 5.

NOTE

Enter bulletin number into comment section of claim.

Table 5. Talon/h-dnet.com Warranty Claim System Users-Touring Models.

ITEM	DATA
Claim Type	SRC
Problem Part Number	41000341F
Quantity	Leave Blank
Primary Labor Code ⁽¹⁾	2817
Time	0.2 h
Customer Concern Code	0635
Condition Code	9981
<i>(1) Download may be required</i>	

Upon submission of the properly completed claim, you will be credited for 0.2 hours of labor time for performing the procedure, plus appropriate administrative time. Submit campaign events on their own warranty claim. Do not mix them with other warranty events.

Table 6. GDP/SAP System Users-Touring Models.

ITEM	DATA
Claim Type	Recall Claim
Fix ID-Found in Recall Number	R
Problem Part Number	41000341F
Customer Concern Code	0635
Condition Code	9981

Talon/h-dnet.com Warranty Claim System Users-Trike Models. For each vehicle involved in this recall (involvement of VIN has been verified on h-dnet.com). Submit a recall claim per Table 7.

NOTE

Enter bulletin number into comment section of claim.

Table 7. Talon/h-dnet.com Warranty Claim System Users-Trike Models.

ITEM	DATA
Claim Type	SRC
Problem Part Number	41000341F
Quantity	Leave Blank
Primary Labor Code ⁽¹⁾	2818
Time	1.8 h
Customer Concern Code	0635
Condition Code	9982
Replacement Part Number	91500112 and 41800770
Quantity	1
<i>(1) Download may be required</i>	

Talon/h-dnet.com Warranty Claim System Users-Trike Models. Upon submission of the properly completed claim, you will be credited for 1.8 hours of labor time for performing the procedure, plus appropriate administrative time. Credit will also be issued for the recall kit (U.S. only). Submit campaign events on their own warranty claim. Do not mix them with other warranty events.

Table 8. GDP/SAP System Users-Trike Models.

ITEM	DATA
Claim Type	Recall Claim
Fix ID-Found in Recall Number	C
Problem Part Number	41000341F
Customer Concern Code	0635
Condition Code	9982