

2023-08-02

[illegible]

- Confirm that the battery ground ring terminal, is below the main harness ground ring terminal. The battery ground ring terminal should be closest to the engine case ground point. Correct as required.
- Inspect starter solenoid connections. If the cable ring terminals move on the stud, tighten. 27–41 **in-lbs** (3–4.6 N·m).
- See Figure 2. Inspect main harness branch as it routes past the Electro Hydraulic Control Unit (EHCU). If routed on top of the banjo bolt, there is potential that it can be damaged after the seat is installed. Manipulate the main harness as needed to obtain clearance with the EHCU unit.

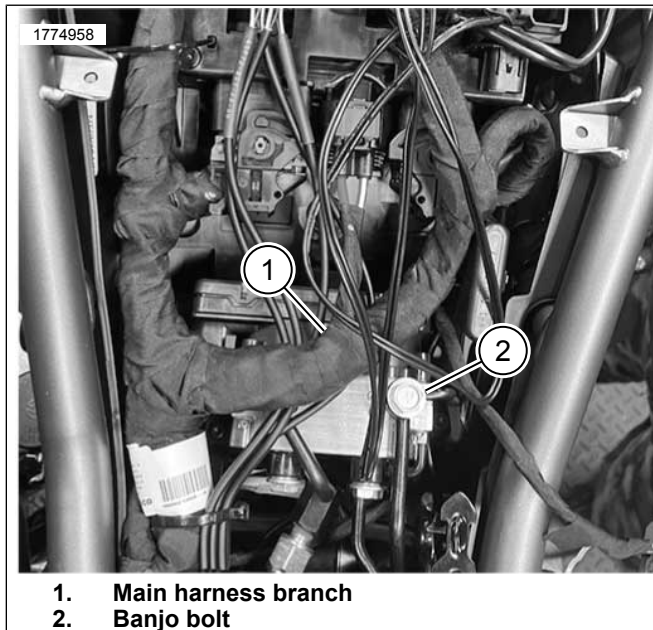


Figure 2. Main Harness Branch

- Inspect Body Control Module (BCM) connector [242B-1], terminals 1 and 2. Remove terminal from connector using modified tool and check terminal tightness using the interfacing BCM pins. If the crimp on the terminal is found to be bad, replace using (Part No. 69202183).
- See Figure 3. Inspect engine harness at caddy as it routes between the right upper frame rail and front cylinder head. If wire bundle is making contact with the cylinder head or cover screws, use cable straps to secure wires in caddy. Make sure to orientate cable strap(s) as shown in graphic. Make sure there is adequate clearance to the cylinder head.

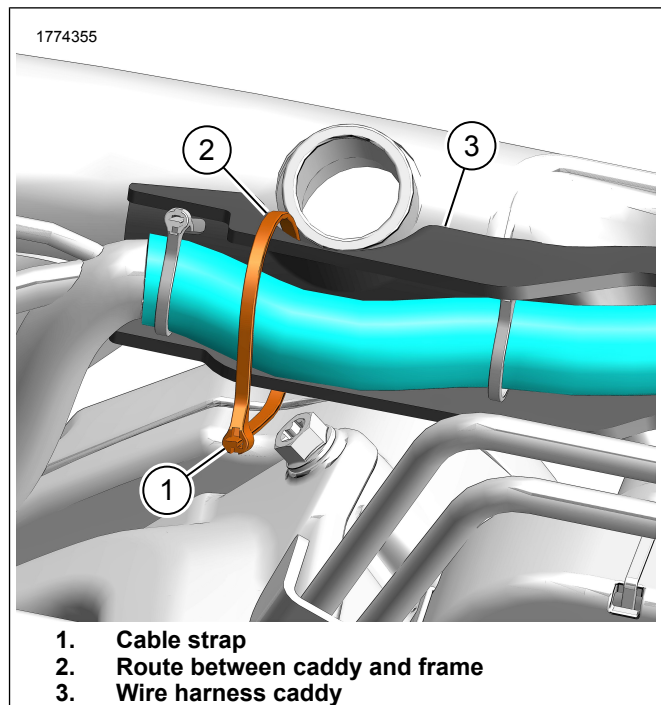


Figure 3. Wire Harness Caddy

- See Figure 4. Some RH975 vehicles were built with a cable strap that is causing tension on the Hand Control Module (HCM) harnesses when the steering is in full-left lock or full-right lock. If a cable strap is found, it should be removed.



Figure 4. Harness Routing With Cable Strap

- Perform a general inspection of HCM jumper harness routing and correct cable strap locations. Confirming full-left lock to full-right lock that there is no excessive tension on the wire harness.
- Inspect for pinched wires near lower left engine guard mounting point.
PAN AMERICA (RA1250, RA1250S)
- See Figure 5 and Figure 6. Inspect semi-active equipped suspension connectors [344A/B] and [345A/B] for properly seated terminals.
- Correct as needed and if a correction was performed, also perform a BCM Suspension Calibration procedure using Digital Technician II (DT II).

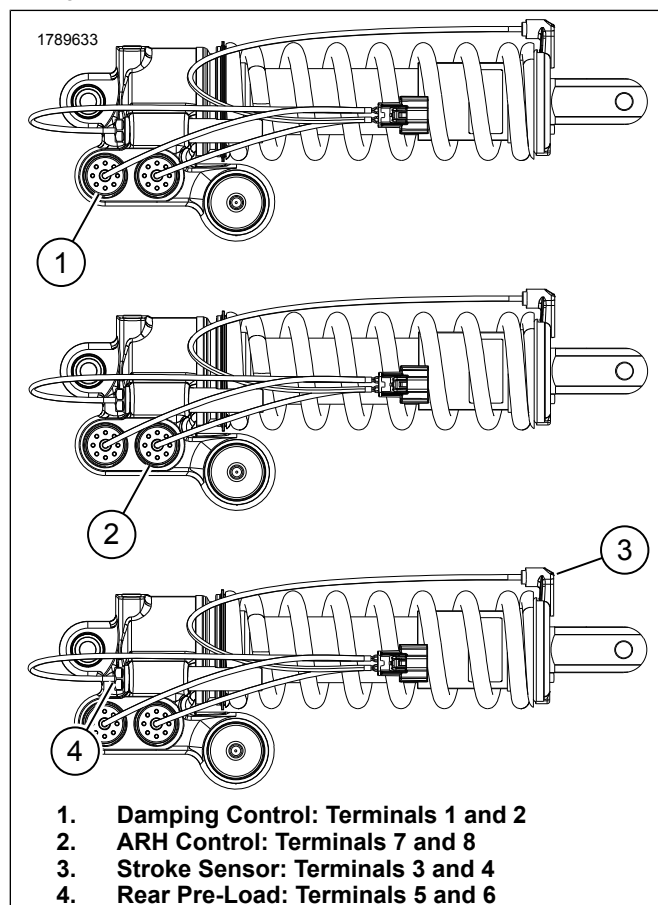


Figure 5. [344 A/B] and [345 A/B]

- **Note wire locations.** If the black and white wires are switched on a single sensor, this does not affect the function of the system. If the wires are switched between sensors, this must be corrected.

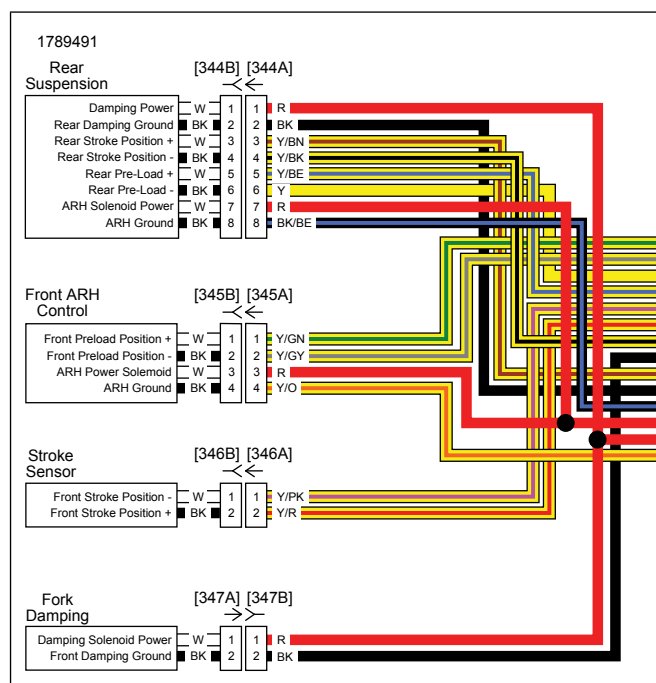


Figure 6. Black and White Wires

- Connect to DT II and check for, EHCUC and Right and Left Hand Control Modules (R&LHCOMs) software updates. Also check Service Information Portal (SIP), <https://serviceinfo.harley-davidson.com> for Instrument Module (IM) updates.
- For BCM and Electronic Control Module (ECM) updates, refer to bulletin M1579 for repair and credit procedure.

Credit Procedure

NOTE

The credit table below is to be used for all inspections/repairs associated with this bulletin and covers all labor time for the steps outlined above.

For vehicles within factory warranty only.

Any parts replaced during this process must be added to the claim with applicable quantities. Please submit all parts and/or labor on the same event/claim for your applicable market.

Submit a warranty claim per Table 3.

Any claims initially submitted prior to the release of Rev B (March 3, 2023) will be paid at 3.5 hours. Any claims initially submitted after the release of Rev B (March 3, 2023) will be paid at 3.1 hours with the remaining 0.4 hours covered in bulletin M1579.

Table 3.

ITEM	DATA
Claim Type	PRD/DEM/MC - Pre-Delivery/Standard claim
Problem Part Number	10006
Quantity	Leave blank
Primary Labor Code ⁽¹⁾	2860
Time	3.1 hours
Customer Concern Code	9203
Condition Code	2860
<i>(1) Download may be required</i>	