

The Harley-Davidson logo, featuring the word "MOTOR" in a shield, "HARLEY-DAVIDSON" in a bar, and "COMPANY" in a shield, with a registered trademark symbol.

2020-01-02

[illegible]

- b. **No.** Go to Step 9.
7. Install hand control covers. See the service manual.
  8. Does DT II's Live Data screen change when clutch lever is pulled in and released?
    - a. **Yes.** Concern corrected.
    - b. **No.** Verify that mechanical interferences or alignment issues are not preventing switch operation. **Do not** replace LHCM.

*NOTE*

**Do not** open the hydraulic line.

9. Remove master cylinder/clutch lever assembly from handlebars. See the service manual.
  - a. Position master cylinder/clutch lever assembly out-of-way.
10. Does DT II's Live Data screen change when clutch switch button is pressed and released?
  - a. **Yes.** Confirm that proper clutch lever is installed. Install master cylinder/clutch lever assembly. Verify that mechanical interferences or alignment issues are not preventing switch operation. **Do not** replace LHCM.
  - b. **No.** Go to Step 11.
11. Remove left hand control covers. See the service manual.
12. Does DT II's Live Data screen change when clutch switch button is pressed and released?
  - a. **Yes.** Install the master cylinder/clutch lever assembly and hand control covers and verify that mechanical interferences or alignment issues are not preventing switch operation. **Do not** replace LHCM.
  - b. **No.** Go to Step 13.
13. Press clutch switch completely into hand control module five times while blowing air on switch.  
Pressure: 69 kPa (10.0 psi)
14. Does DT II's Live Data screen change when clutch switch button is pressed and released?
  - a. **Yes.** Install the master cylinder/clutch lever assembly and hand control covers and verify that mechanical interferences or alignment issues are not preventing switch operation. **Do not** replace LHCM.
  - b. **No.** Replace LHCM.

### Trip Switch Inoperative

*NOTE*

*The verification of the customer's concern must be performed on vehicle.*

1. Is customers concern present on vehicle currently?
  - a. **Yes.** Go to Step 2.
  - b. **No.** Concern is not present. No repair necessary.
2. Do any switches on the LHCM function properly?
  - a. **Yes.** Go to Step 5.
  - b. **No.** Go to Step 3.
3. Remove left hand control covers, disconnect and connect LHCM [24D]. See the service manual.
4. Do any switches on the LHCM function properly?
  - a. **Yes.** Go to Step 5.
  - b. **No.** Replace LHCM.
5. Does pressing trip switch change the display in the odometer?
  - a. **Yes.** Go to Step 6.
  - b. **No.** Go to Step 8.
6. Install hand control covers. See the service manual.
7. Does pressing trip switch change the display in the odometer?
  - a. **Yes.** Concern corrected.
  - b. **No.** verify that mechanical interferences or alignment issues are not preventing switch operation. **Do not** replace LHCM.
8. Connect DT II (Digital Technician II).  
Special Tool: DIGITAL TECHNICIAN II (HD-48650)
9. Does DT II's Live Data screen change when trip switch button is pressed and released?
  - a. **Yes.** Inspect speedometer for issues. **Do not** replace LHCM.
  - b. **No.** Go to Step 10.
10. Remove the trip switch cap. See the service manual.
11. Does DT II's Live Data screen change when trip switch button is pressed and released?
  - a. **Yes.** Install the trip switch cap. Verify that mechanical interferences are not preventing switch operation. **Do not** replace LHCM.
  - b. **No.** Go to Step 12.
12. Remove hand control covers. See the service manual.

13. Does DT II's Live Data screen change when trip switch button is pressed and released?
- Yes.** Install the hand control covers. Verify that mechanical interferences are not preventing switch operation. **Do not** replace LHCM.
  - No.** Replace LHCM.

## Credit Procedure

**This Credit Procedure only applies to vehicles within factory warranty.**

### NOTE

- Enter bulletin number into comment section of claim.
- Enter comments explaining exactly what was found during the diagnostic procedure.

### Credit Procedure: Repaired - No Replacement of Parts Required

Submit a warranty claim per Table 3 for repair not requiring replacement of part.

**Table 3. No Replacement Of Parts Required**

ITEM	DATA
Claim Type	MC / Standard Claim
Problem Part Number	See Table 2
Quantity	Leave Blank
Primary Labor Code	6175
Time	0.3 h
Customer Concern Code	7302
Condition Code	6175

### Credit Procedure: Repaired - Replacement of Parts Required

Submit a warranty claim per Table 4 for repair requiring replacement of part.

**Table 4. Replacement Of Parts Required**

ITEM	DATA
Claim Type	MC / Standard Claim
Problem Part Number	See Table 2
Quantity	1
Primary Labor Code	6165
Time	0.6 h
Customer Concern Code	7302
Condition Code	6165

## Return Parts

Hold all claimed parts for 60 d from date of credit issued for possible field inspection and/or request to return to factory. After 60 d, destroy and discard the parts.