

Bulletin ID:UBCO-CS-00021-4

Date of Issue: 08/10/2024

Bulletin Type: Technical Service Bulletin (TSB)

Audience: UBCO DUTY Service Agents & Authorised Repairers

Title: Footbrake Lever Adjustment

Background:

Some vehicles are experiencing excessive brake wear due to suspected partial and prolonged application of the foot brake. The resulting failure will drastically increase the service requirement to replace brake pads, however, is not considered a safety risk.

Affected Range:

Vehicle Type:	VIN From:	VIN To:	Delivery Batch:	Total:
DUTY	6YAU2CAF5R8000010	6YAU2CAF5R8000217	PO-00000001	175

Overview:

This service bulletin is intended for approved service agents of Australia Post and trained DUTY technicians. Included are instructions for adjusting the height of the brake lever, checking for foot clearance to the brake lever, reassembly and bench testing. Service bulletin excludes battery fitment instructions and full vehicle testing.

This service bulletin obsoletes UBCO-CS-000021-2

Time to complete: 20min

Actions: Affected dealers and service agents will be supplied with the following instructions for correctly adjusting the foot brake lever.

NOTICE: Please refer to your service manual for the following prerequisite tasks:

- Remove side fairing - p55 Service manual

Title: Footbrake Lever Adjustment

Issue: Footbrake lever is higher in the horizontal plane to the footpeg when the lever should be level or lower than the peg.



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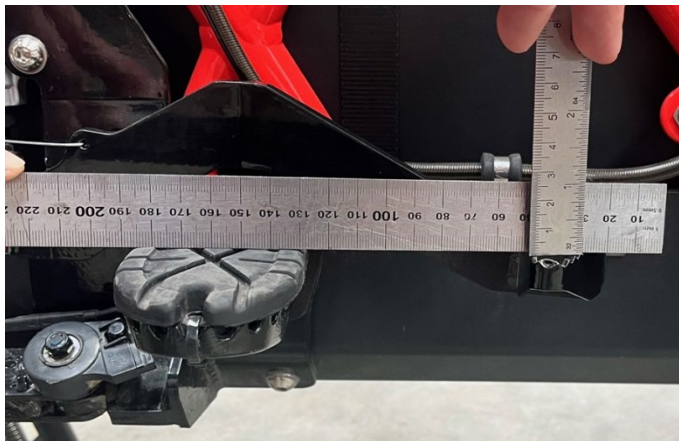
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Action Instructions:

1. Place the bike on its centre stand or elevated with the rear wheel off the ground
2. Loosen the master cylinder linkage locking nut using a 12mm spanner
 - a. NOTICE: Linkage height measurement may differ from bike to bike
3. Lower the lever height by turning the adjustment nut (Black) counterclockwise using a 10mm spanner
 - a. Adjust to Max extension with lever 0-5mm below Foot Peg



- b. CAUTION – Please make sure there is clearance between the master cylinder linkage bolt and lever arm
4. To secure the new brake lever height, tighten the 12mm locking nut

Reed switch adjustment

5. Leaving the brake light switch spring in place, loosen the locking nut using a 17mm spanner
 - a. NOTICE: You may need to use a screwdriver to hold the positioning nut in place
6. Turn the bike on and into run mode
 - a. WARNING: Be aware of accidental throttle use when the bike is elevated and in run mode
7. Adjust the switch position by adjusting the positioning nut to the rear of the bike or Counterclockwise
 - a. NOTICE: You may need to take some pressure off the switch body by pushing on the switch body, extending the spring.
8. Check the action of the brake lever as you adjust the positioning nut. The brake light should illuminate with immediate and moderate pressure.
 - a. NOTICE: The brake lever has no maximum or minimum range, however, should have approximately 5mm of travel at the lever end before triggering the brake light.
9. Tighten the locking nut to set the position.
 - a. Caution: Do not over-tighten
 - b. Caution: Use flat blade screwdriver to prevent positioning nut from rotating
10. Refer to the service manual for reinstallation of the fairing.

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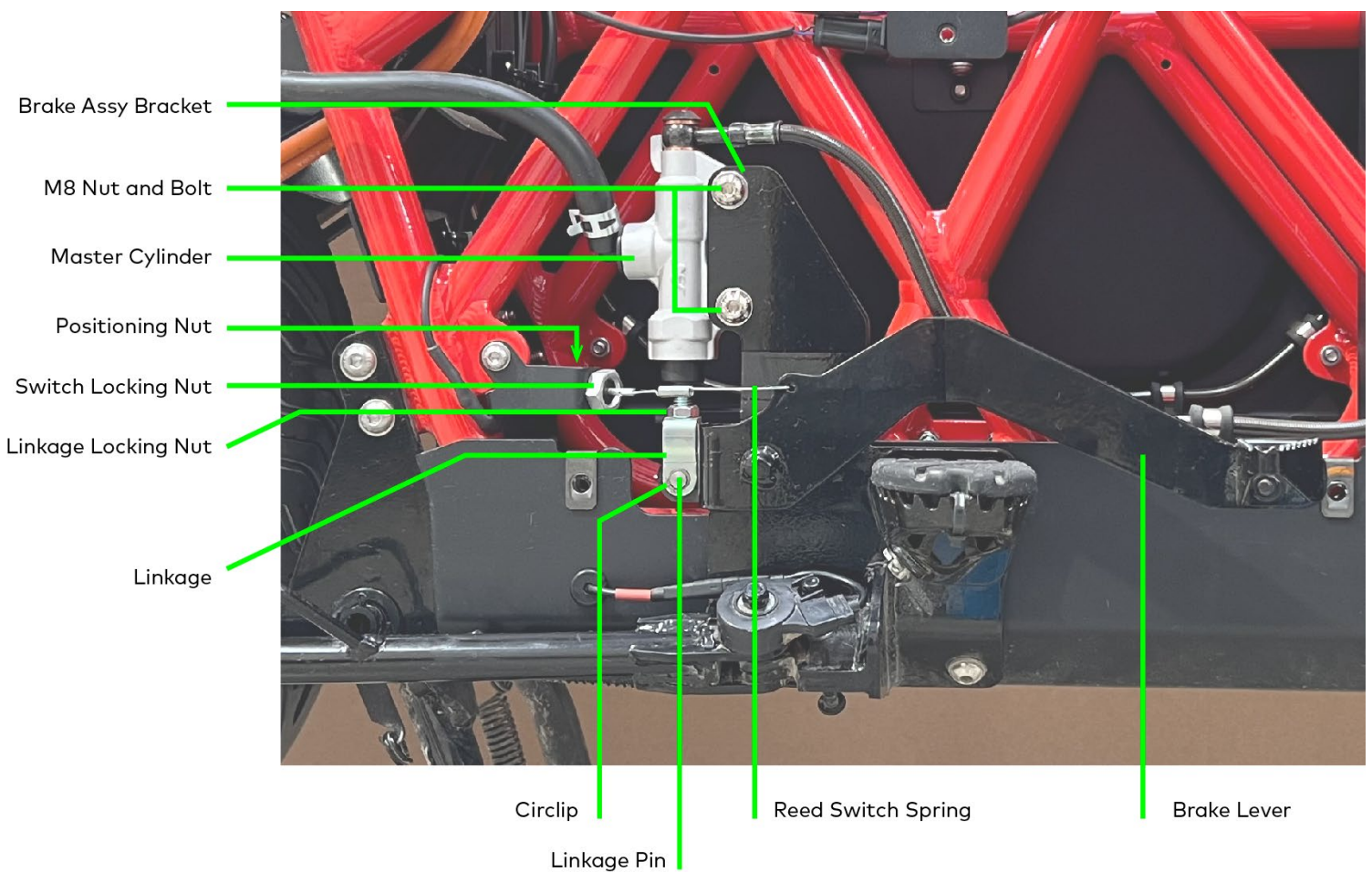
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Tools/Materials Required:

- Ruler
- 4mm hex bit
- Torque Wrench
- 10, 12, 17mm Spanners
- Screwdriver (Flat)

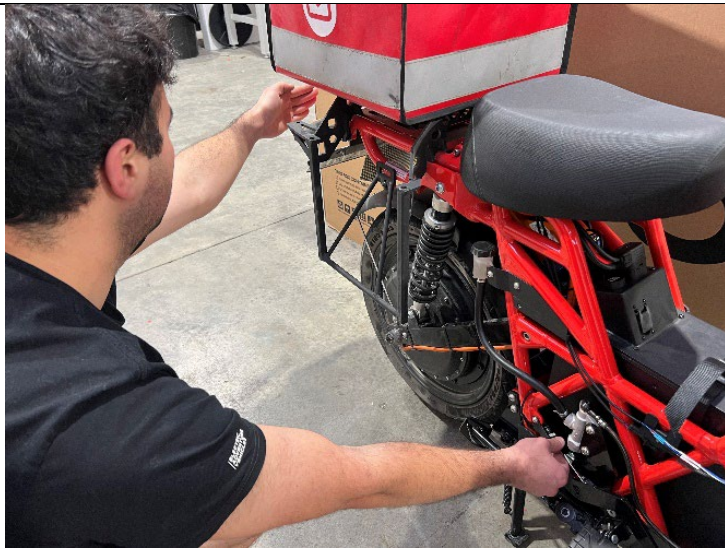
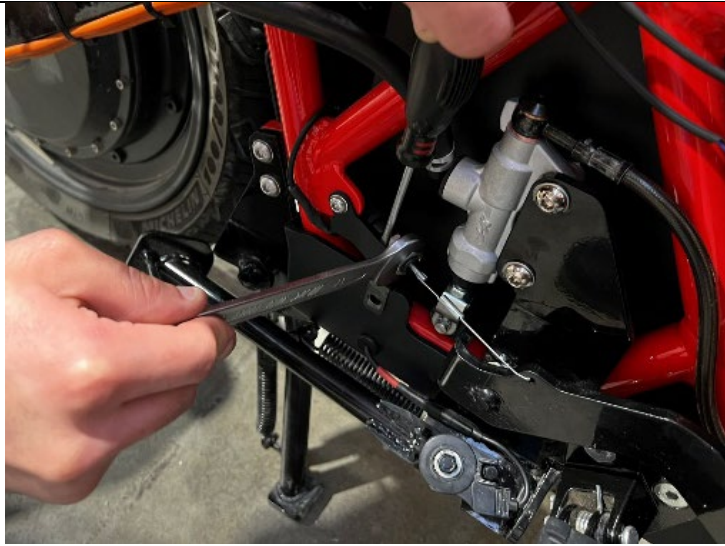
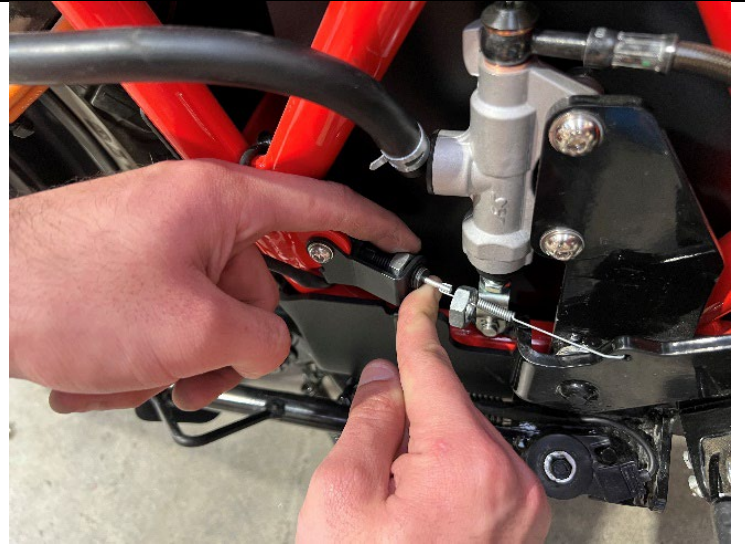


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Carlin O' Neill

Technical Services Manager