

Purpose

This document outlines how to identify a self-adjusting brake, where the cable and lever mechanism automatically adjusts the brakes as the vehicle is driven down the road.

Safety

Read and understand all instructions before installing or operating this product. Adhere to all safety labels.

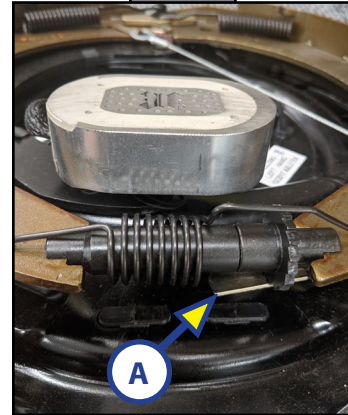
Visual Identification

To check if brakes are self-adjusting without removing the hub, remove the adjuster slot plugs on the backside of the brakes (Fig. 1A) and shine a flashlight in the holes. If the brakes are self-adjusting, the silver lever (Fig. 2A) that rotates the star lever will be visible.

Fig. 1



Fig. 2



If the hub has been removed, the self-adjusting brake can be identified visually by the cable and lever (Fig. 3A) that is not present on the manual brakes (Fig. 4).

Fig. 3

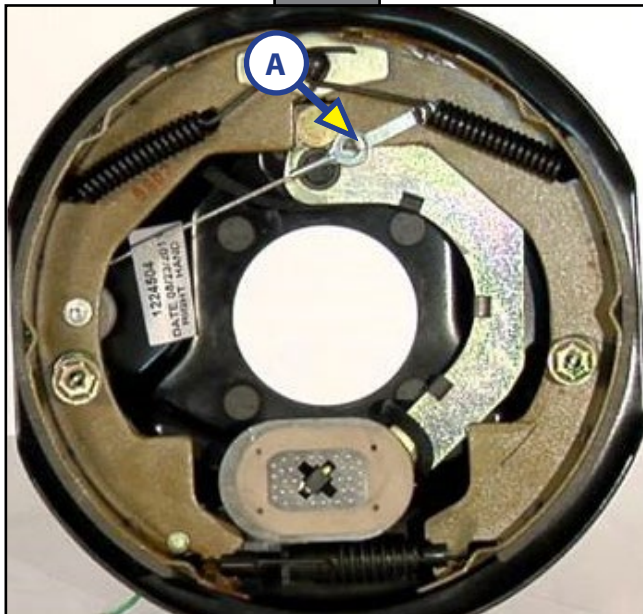
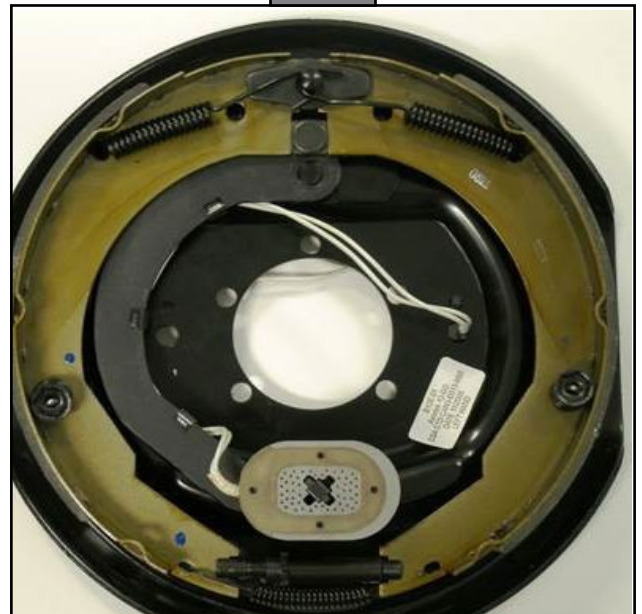


Fig. 4



Spring Axle Nomenclature Identification

To check if a spring axle is self-adjusting by reading the serial label, check the nomenclature for spindle and brake designations (A).

NOTE: Description abbreviations for self-adjust options below are in bold and red for ease of identification in this document. Those options will not be in bold or red on the actual serial label.

NOTE: LC160-SB-86.5-68.5-SPIB-OS-L-65517-7226-30PT-122447



A - Spindle and Brake Designation Options

- SB – Straight spindle, electric drum brake
- SB**SA** – Straight spindle, electric drum brake with **self-adjust**
- SB**SALL** – Straight spindle, electric drum brake with **self-adjust**, 33" lead wires
- SI – Straight spindle, idler hub, no brake
- SBWP – Straight spindle, electric with park feature drum brake
- DB – Drop spindle, electric drum brake
- DB**SA** – Drop spindle, electric drum brake with **self-adjust**
- DB**SALL** – Drop spindle, electric drum brake with **self adjust**, 33" lead wires
- DBWP – Drop spindle, electric with park feature drum brake
- DI – Drop spindle, idler hub, no brake
- SHDS – Straight spindle, hydraulic duo-servo drum brake
- SHUS – Straight spindle, hydraulic uni-servo drum brake
- SHUSFB – Straight spindle, hydraulic uni-servo free-backing drum brake
- DHDS – Drop spindle, hydraulic duo-servo drum brake
- DHUS – Drop spindle, hydraulic uni-servo drum brake
- DHUSFB – Drop spindle, hydraulic uni-servo free-backing drum brake
- SD – Straight spindle with hydraulic disc brake
- DD – Drop spindle with hydraulic disc brake

Torsion Axle Nomenclature Identification

To check if a torsion axle is self-adjusting by reading the serial label, check the nomenclature for axle design designations (A) and spindle and brake designations (B).

NOTE: Description abbreviations for self-adjust options below are in bold and red for ease of identification in this document. Those options will not be in bold or red on the actual serial label.

LC160-DTBSA-82-68-ID-10D-LPIB-SM-L-65516-PW-HDSUSP



A- Axle Design Designation Options

D - "D" designates Diamond Torsion Brakes Self-Adjust

No D - No designation indicates Square Torsion Brakes, Self-Adjust

B - Torsion Brake Designation Options

TIL – Torsion idler hub, long spindle (2K idler designation only)

TIS - Torsion idler hub, short spindle (2K idler designation only)

TI - Torsion idler, 3.5K and up

TB - Torsion brake, electric drum brake

TB**SA** - Torsion brake, electric drum brake, **self-adjust**

TB**SALL** - Torsion brake, electric drum brake, **self-adjust** with 33" lead wires

TBWP - Torsion, electric with park feature drum brake

THUS - Torsion, hydraulic uni-servo drum brake

THDS - Torsion, hydraulic duo-servo drum brake

THUSFB - Torsion, hydraulic uni-servo free-backing drum brake

TD - Torsion brake, hydraulic disc brake

As a supplier of components to the RV industry, safety, education and customer satisfaction are our primary concerns. Should you have any questions, please do not hesitate to contact us at (574) 537-8900 or by email at customerservice@lci1.com. Self-help tips, technical documents, product videos and a training class schedule are available at lippert.com or by downloading the MyLCI app.



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