BULLETIN #: 16-08-40 Rev A

DATE: 09/05/2016

MODELS CONCERNED: Mk4 C, B, F, T-Series Tractor Models with the Cable Park Brake System

USED ON THE FOLLOWING: Serial Number **A0328984** onwards

INFORMATION: Instructions for servicing Cable Park brake system

---

This bulletin outlines the key areas to focus on the Cable Park brake system when servicing the Mk4 tractor. The procedure listed ensures correct maintenance of the system and is critical for trouble-free operation. Therefore these steps should be followed during the dealer service without fail.

Cleaning / Clearing:

- Remove the chassis stiffener (Figure 1: [a]) and clear any dirt, leaves, grass collected inside it
- Clean the plunger shaft, pedal cassette, park brake handle, slider rod, exposed cables and any moving parts of dirt, dust and mud before lubricating (see notes under **Lubrication**)

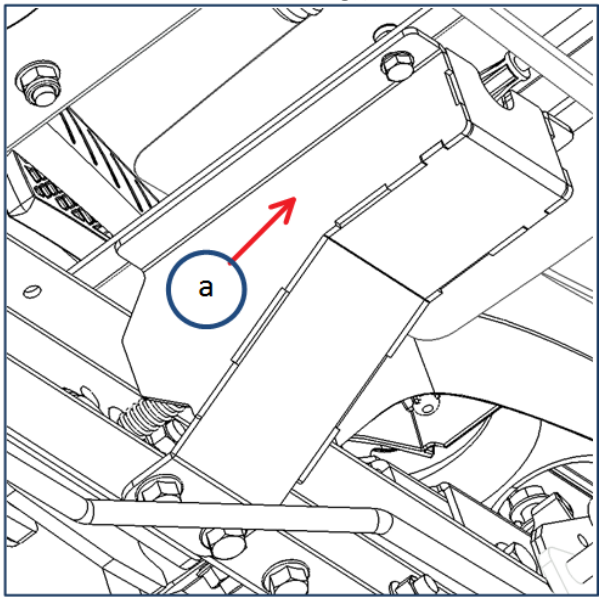


Figure 1: Cassis Stiffener

Spring compression:

On the park brake transaxle spring (Figure 2: [b]), the spring compressed length, when the park brake is ON, needs to be checked and corrected if necessary. When the park brake is ON, the distance between the washers needs to be 57 mm (as shown in the image); if it is greater than that (usually 58 to 59 mm after prolonged use), the spring needs to be tightened back to 57 mm. This is necessary to ensure the efficiency of the park brake is maintained when the park brake is ON.

Rubber Bump Stop:

Check the condition of the rubber bump stop strip (Figure 3: [c]) on the park brake handle. If the strip is torn or damaged, it should to be replaced.

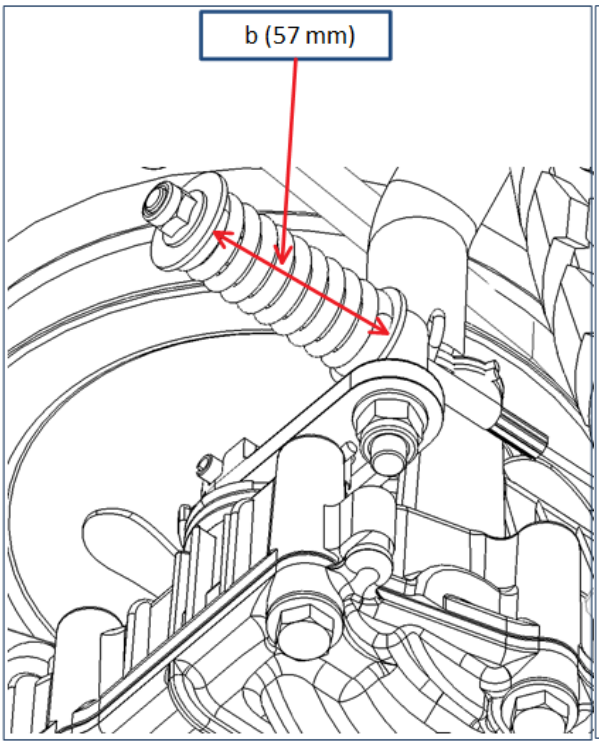


Figure 2: Spring Compression

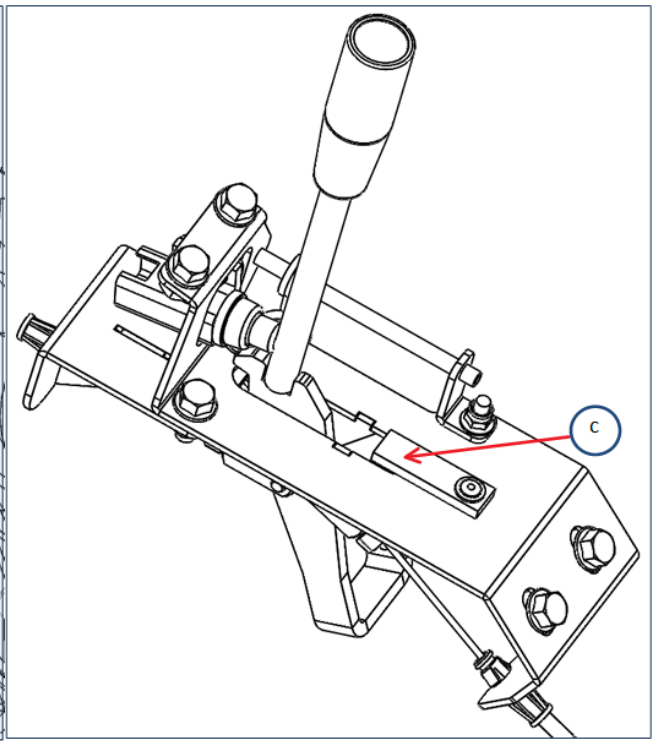
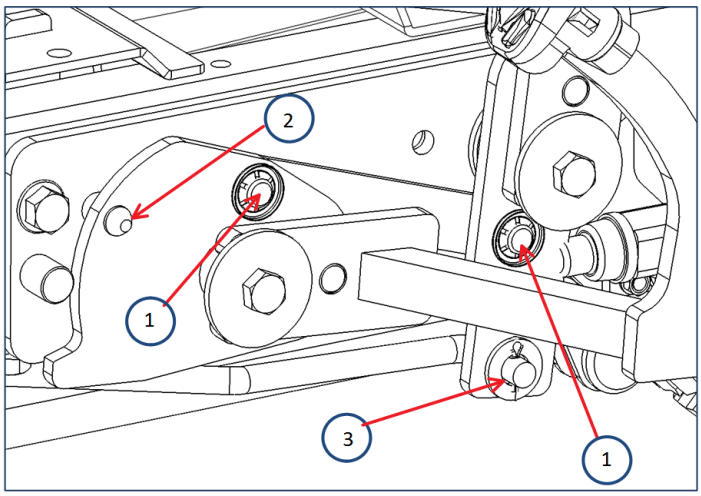
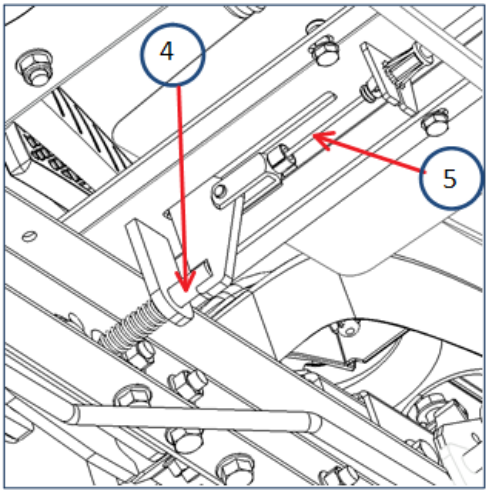


Figure 3: Rubber Bump Stop Strip

Lubrication:

Image below shows points on the Park brake system where it needs to be lubricated with grease. This is essential to not only ensure smooth operation of the system, but also to minimize the wear on the components due to friction.





Fugure 4: Pedal Cassette and Plunger Lubrication

Pedal Cassette (Figure 4):

1. Pedal link plate ends
2. Plunger Tip
3. Pedal rod - forward pedal connecting point
4. Plunger shaft
5. Exposed cable end (should be lightly lubricated with the seal removed)

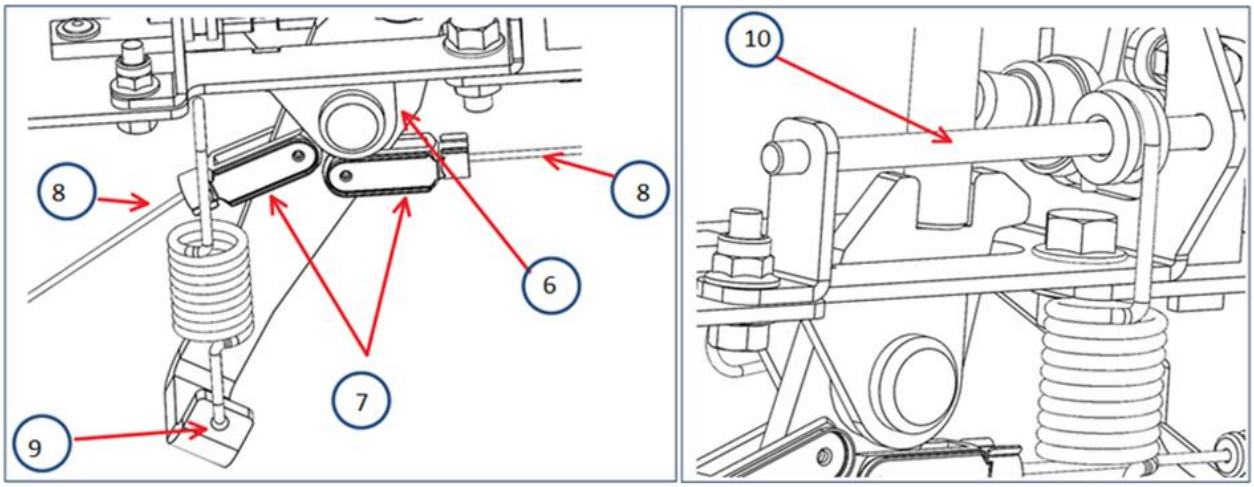


Figure 5: Park brake Handle

Park brake Handle (Figure 5):

6. Park brake handle pivot point
7. Cable clevis joints
8. Exposed cable ends (should be lightly lubricated with the seal removed)
9. Park brake spring anchor point
10. Slider rod

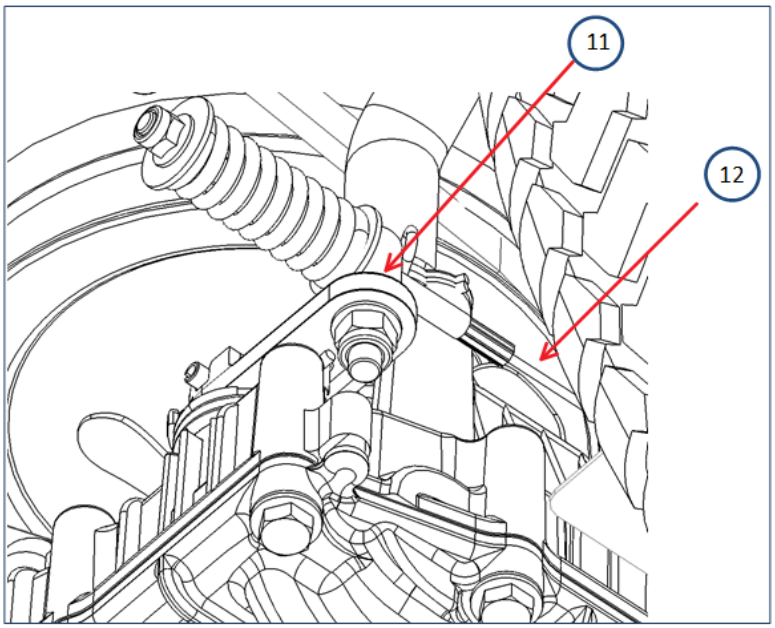


Figure 6: Transaxle Trunnion and Cable

Transaxle (Figure 6):

11. Park brake trunnion and the cable rod
12. Exposed cable end (should be lightly lubricated with the seal removed)

Final Checks:

- Make sure the cable seals are put back after lubrication
- Make sure the Chassis stiffener is bolted back on to the tractor
- Wipe off any excess grease dripping down
- With the engine turned off, check if the forward and reverse pedals return to neutral position after being de-pressed
- Operate the park brake to see if it is engaged
- Check if the drive pedals are locked when the park brake is on

Revision Table

Revision	Changes	Date
A.	Bulletin Release	09/05/16