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Coding Information

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Title: Eaton Clutch Information

Applies To: Transtar Workstar Prostar Lonestar

CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

07/13/2015 - Fixed link to Eaton website.

DESCRIPTION

Information For Troubleshooting Eaton Clutch Complaints

SYMPTOMS

- No clutch brake when pedal is depressed.
- Noise when pedal is depressed to floor.
- Clutch fork hits pressure plate when pedal is depressed.
- Stiff or hard to depress pedal

TROUBLESHOOTING

1. Inspect the fork, lever, and left cross shaft and record part numbers.
1. Inspect the pressure plate for signs of damage from the fork hitting it.
2. Check linkage for worn or seized hyme joint.

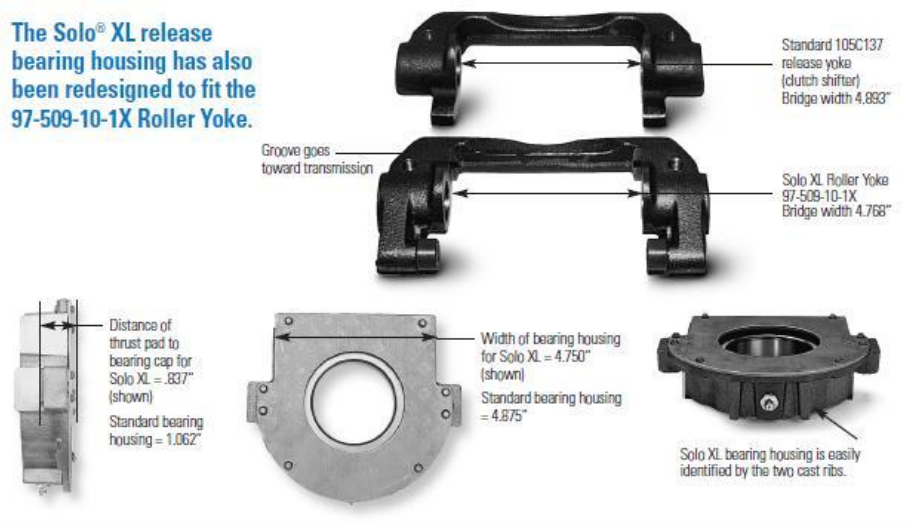
RESOLUTION

- Verify the part numbers you recorded with your parts department to insure you have the correct parts installed on the unit. **[It is possible to install a standard fork in a roller clutch resulting in poor clutch brake operation or possible fork hitting pressure plate when the pedal is fully depressed. See Figure 1]**
- A incorrect lever or cross shaft can also cause no clutch brake issues or interference issues.
- Install the correct part if you determine that the incorrect one was installed.
- Open a Parts Inquiry case file if you have questions determining the correct parts.
- Make sure cross shafts and linkage is lubed properly.
- Replaced seized hyme joints. **[They will break and leave the driver without clutch operation if the issue gets to severe]**

OTHER RESOURCES

Figure 1

The Solo® XL release bearing housing has also been redesigned to fit the 97-509-10-1X Roller Yoke.



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