



# Tractor Runs Slow/Pedal Difficult To Actuate

**Product: Groundsmaster 360**

**March 17, 2017**

**Update March 31, 2017**

**Update; applicable  
models added**

**Affected Units:**

**Models:**

**Serial Numbers:**

|        |                     |
|--------|---------------------|
| 31200  | 314000101-316000186 |
| 31200A | 314000101-315000120 |
| 31201  | 315000101-315000514 |
| 31202  | 315000101-316000104 |
| 31222  | 315000101-316000104 |
| 31223  | 315000101-316000226 |
| 31230  | 315000101-316000160 |
| 31236  | 315000101-499999999 |

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**Situation:**

Field reports of slow traction speed and/or hard to actuate traction control pedal in the above model units have prompted the release of modified parts.

**Instructions:**

Install Traction Pedal Improvement Kit (136-4450) to correct this issue. This kit contains a longer traction control rod, larger neutral vice bearings and stiffer traction pedal isolator bushings to improve traction speed.

Contact your local Toro Commercial Products Distributor for more information and to obtain Traction Improvement Kit. Please reference Toro Commercial Service Bulletin Rotaries 05-30, "Tractor Runs Slow/Pedal Difficult To Actuate", dated March 16, 2017.

1. Locate the machine on a level surface, set the parking brake and remove the ignition key from the switch.
2. Refer to illustrations 1 & 2 to perform this assembly process.
3. Remove the fasteners that secure Rod-Traction (130-4763-03) at the traction control Pedal (117-3070-01) and at the rear connection by the hydrostat and neutral assembly.
4. Remove and discard the two black rubber Mounts (63-9350) from the bottom of Pedal. Install two of Bushing-Delrin (133-6397) and Washer-Delrin (133-6398) in place of Mounts.
5. Re-install Screw-HH (323-29) finger tight through the Bearing-End, Rod (2411-36) and Plate-Linkage, Traction (125-4401) for later Traction Rod adjustment in Step 9.
6. Install Bushing-Rubber (23-2270) in the rear location of Rod-Traction.
7. Replace Pin-Cotter (3272-10) to retain the rear rubber bushing of Rod-Traction on the pin feature of Lever-Traction. (131-5546-03)
8. Remove Nut-Lock, NI ( 3296-47) from Screw-HH (322-19) to remove the bearing/spacer assembly in the Neutral System Assembly. Discard both Bearing-Ball (251-307), Spacer-Pivot, Tilt (85-9120), Spacer (125-2877) and Washer-Thrust (73-4100).
9. Install the assembly of Bearing-Ball, 10mm (qty. 2), Spacer-Sleeve (136-4454), Spacer-Sleeve (136-4455) and Washer-Thrust (73-0041) secured by Nut-Lock, NI and Screw-HH (322-19) in Neutral Arm ASM ( 125-4366).
10. Operate the machine and verify forward speed is  $19.3 \pm .3$  KPH ( $12 \pm .2$  MPH) and reverse is  $9.6 \pm .3$  KPH ( $6 \pm .2$  MPH). Adjust the length of Bearing-End, Rod to achieve these speed values. Do not extend Bearing-End, Rod to less than 4 threads of engagement with Rod-Traction.
11. Secure the adjustment by tightening Nut-HJ (3220-3).

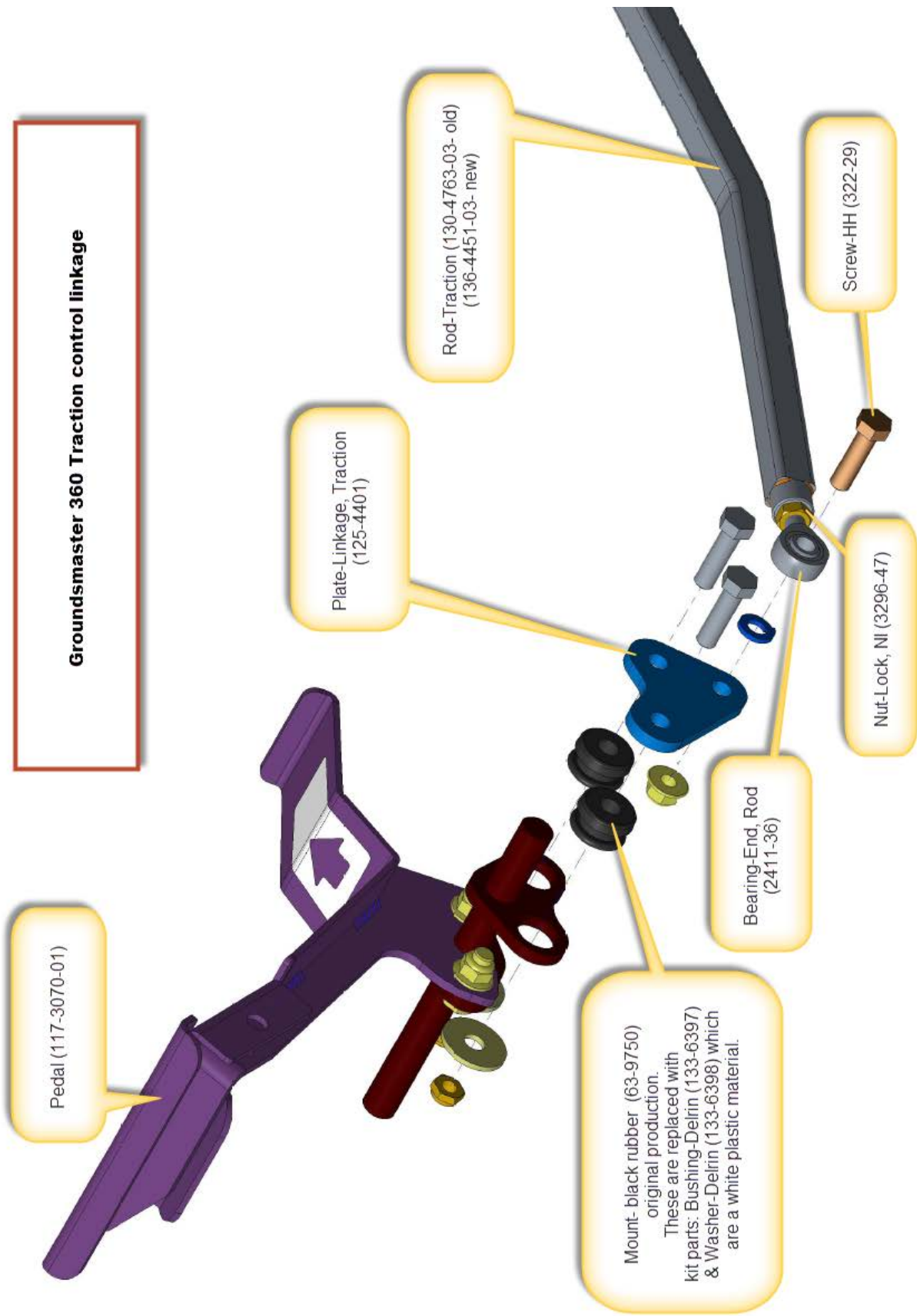


Illustration 1

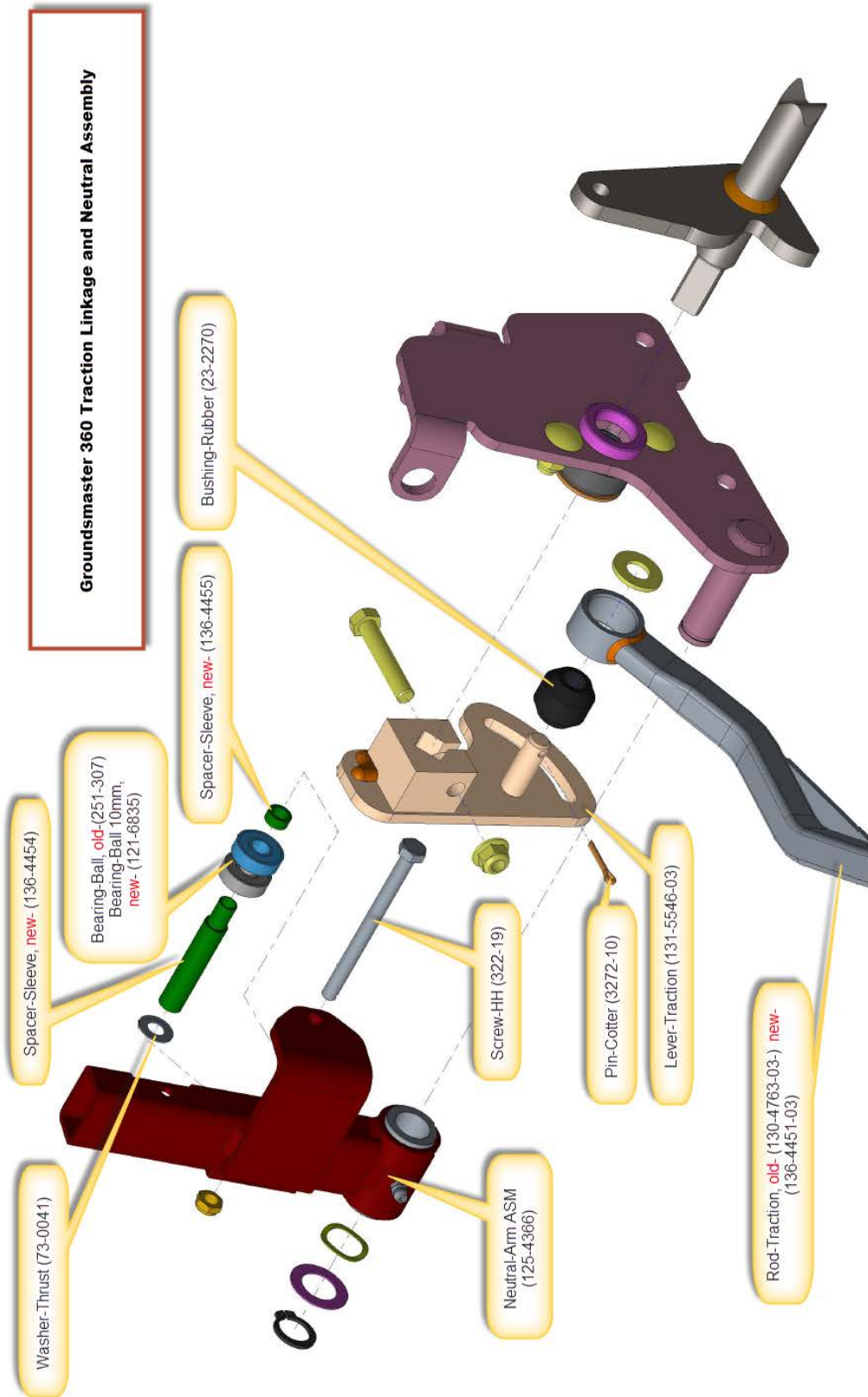


Illustration 2