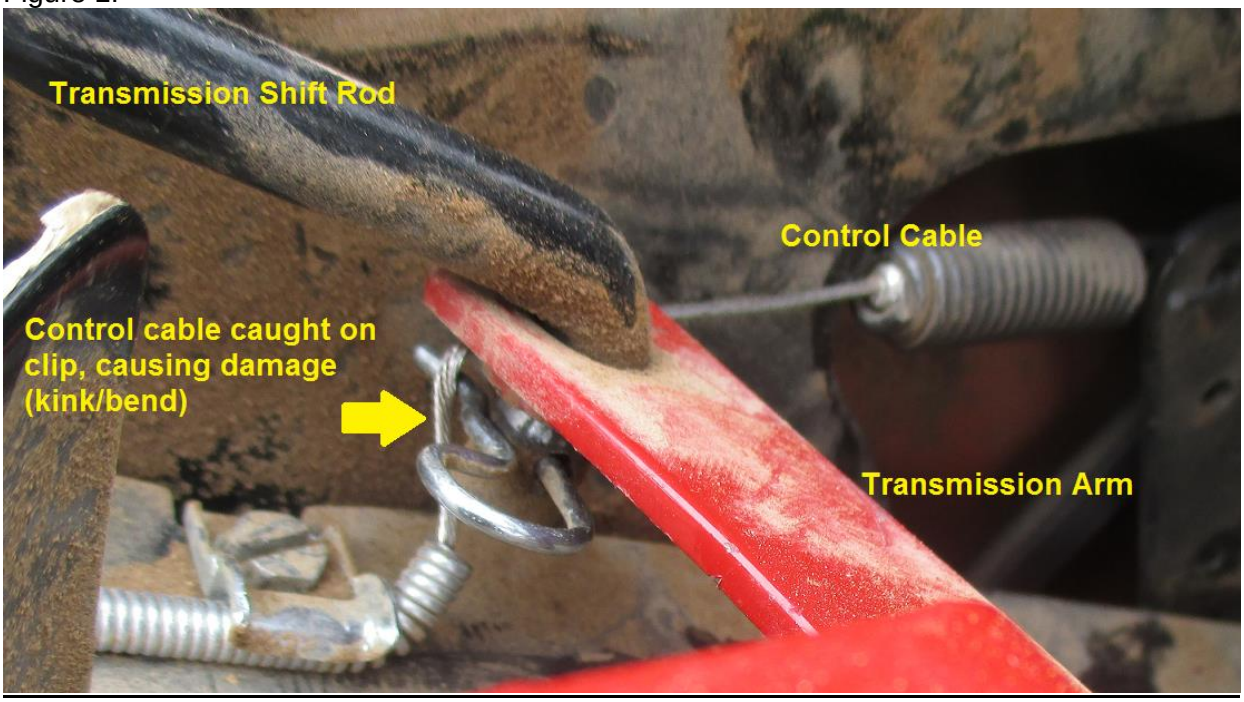
English 1(1)

Service Bulletin
Date: June 2015
Brands: Ariens, Husqvarna, Poulan Pro, Jonsered
Product: Select 2015 Tillers
Dates Produced: October 15, 2014 to May 31, 2015

Description/Background:

The transmission shift rod and clip are making contact with the control cable when shifting the transmission. This can cause the control cable to become kinked and/or caught, resulting in unintended engagement. See Figure 1.

Figure 1.



Affected models:

Brand	Market	Part Number	Model Name
Poulan Pro	North America	960 920 034-00	PRRT900
Jonsered	US	960 920 035-00	J208C14
Jonsered	US	960 920 036-00	J208D17
Husqvarna	US	960 930 012-06	DRT900H
Husqvarna	US	960 930 012-07	DRT900H
Husqvarna	North America	960 930 023-03	DRT900E
Husqvarna	US	960 930 024-01	CRT900
Husqvarna	US	960 930 025-01	DRT900
Husqvarna	US	960 930 026-01	CRT900L
Husqvarna	US	960 930 027-00	DRT900E
Ariens	US	960 960 001-05	A600DRT

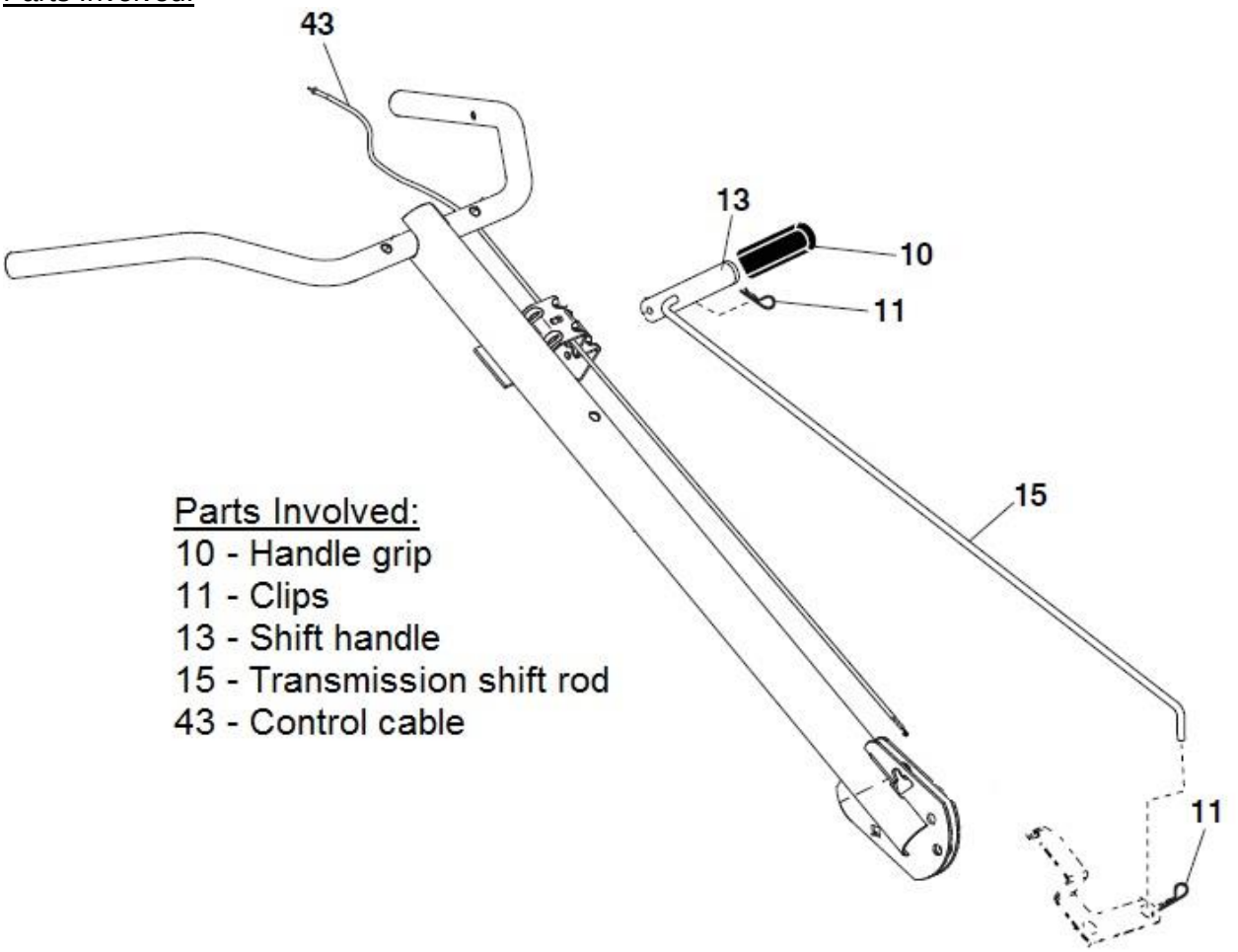
Affected Serial Number(s):

Only those models listed above, built from October 15, 2014 to May 31, 2015.
For example, serial numbers with this date code range: **101514**MXXXXX – **05312015**MXXXXX.

If the unit has a small green circle on the label as shown in Figure 2 below, the tiller has been reworked at the factory/warehouse and does **not** require service as described in this document.

Figure 2 – Indicator of reworked unit

Parts Involved:



Action To Be Taken:

Note the position of the clip at each end of the transmission shift rod. Before service, the clip is facing down at the transmission end and the transmission shift rod enters the handle from the LH side. See Figures 3a, 3b and 3c.

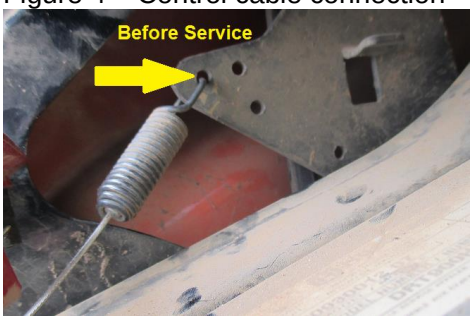
Figure 3a – Before Service

Figure 3b – (tranmsission end)

Figure 3c – (handle end)

Note the position of the control cable. Before service, the cable is attached to the idler bracket through the top hole, as indicated in Figure 4. Note that the open end of the spring is facing the belt.

Figure 4 – Control cable connection



Steps to perform service include the following:

A. Transmission shift rod is removed and handle end is marked
B. Control cable is inspected for damage and replaced if necessary (Examples: kink, bend, break).
C. Control cable is disconnected from top hole in idler bracket, then connected to the lowest hole.
D. The position of the transmission shift rod is reversed to allow a different clip orientation

Step A – Remove transmission shift rod

1. Remove clips on both ends of the transmission shift rod, set aside.
2. Remove transmission shift rod from both the handle and the transmission shift arm.
3. Mark the rod to identify the handle end, set aside.

Step B – Inspect control cable for damage

4. Inspect cable for any damage (such as kinks, bends, breaks). If damaged, replace cable. See Figures 5a, 5b and 5c for examples.

Figure 5a – Example of kinked cable

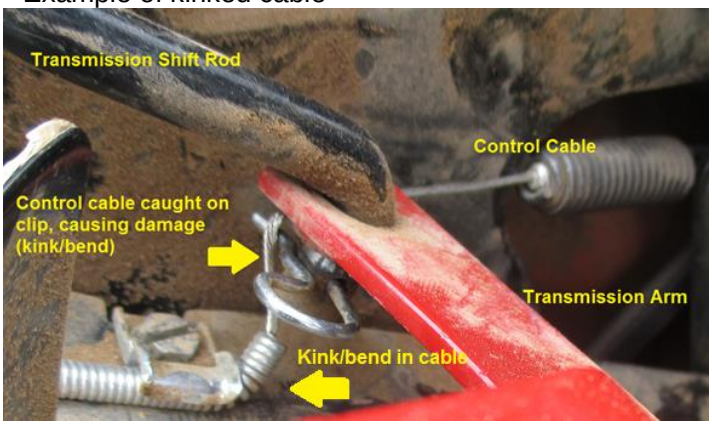


Figure 5b – Cable free of damage

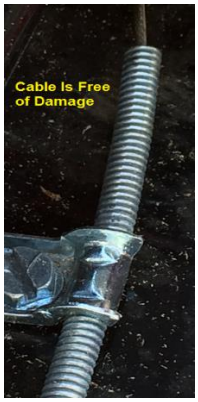


Figure 5c – Damaged cables

Step C – Move location of cable connection (to be completed regardless of cable replacement in Step B)

5. Disconnect cable from top hole in idler bracket. See Figure 6. Note: This will require loosening the screw that holds the cable. Move the shifter arm to allow access to the screw that holds the cable.

6. Reconnect control cable to lowest hole in idler bracket with the open end of the spring facing the engine side of bracket (away from belt). See Figure 7.

7. Reset cable tension. With handle in the released position (not activated), pull cable taught. Tighten screw that holds the cable. Move shifter arm back to neutral if moved in step 5.

Figure 6 – Control cable positioned in top hole

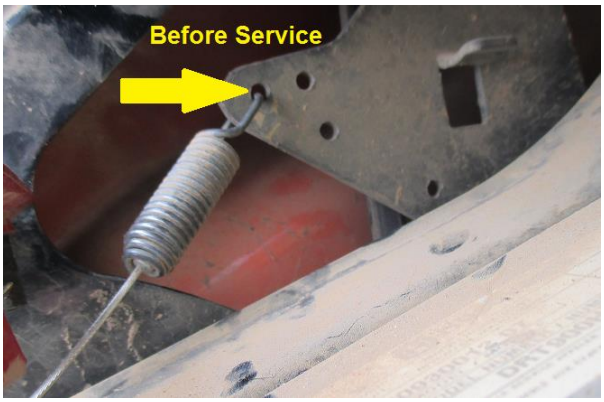
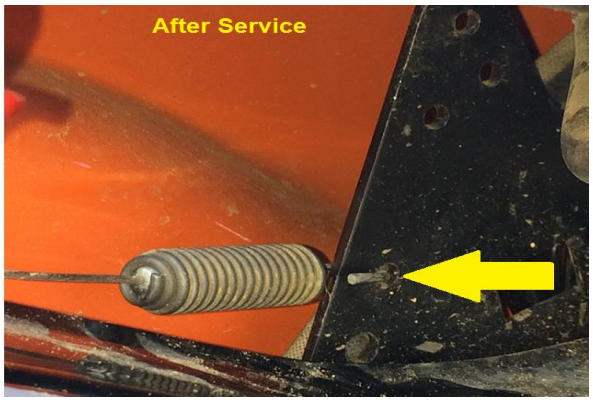


Figure 7 – Position in lowest hole



Step D – Reverse transmission shift rod

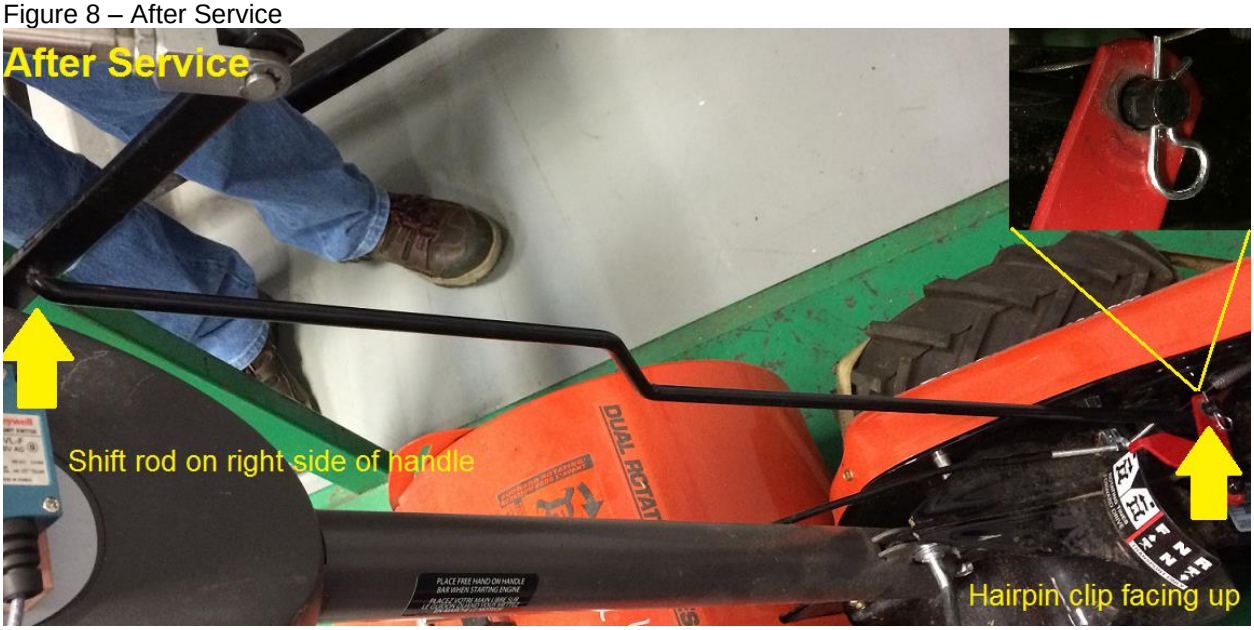
8. Flip the position of the transmission shift rod so that the handle end is now near the transmission shift arm and the transmission end is near the handle.

9. Insert end of transmission shift rod to handle, entering from the RH side. Use clip to fasten into position (no washer needed).

10. Insert other end of transmission shift rod to underside of transmission shift arm, using clip on top. Fasten into position (no washer needed). The clip will now be out of contact with control cable while shifting gears.

11. Verify position of transmission shift rod is as seen in Figure 8.

Figure 8 – After Service



12. Move gear shift handle, checking that the control cable is not making contact with the transmission shift rod and clip.

Warranty Reporting

Perform service/update through warranty process using only this information:

Component code:	**302 – Lever / Linkage**
Defect code:	**92 – Part exchanged on request by Husqvarna**
Warranty type:	If unit has been sold to a customer use **1 – warranty** If unit has not been sold to customer use **04 – requested by factory**
Text:	Reference **SB# B1500042**
Time units (6 minutes):	3 units
Affected market(s):	North America only

Revision history

06-2015	Rev1 – Created Service Bulletin B1500042
06-2015	Rev2 – Added clarification to step C on how to reset cable tension
06-2015	Rev3 – Added brands to title section of document and updated header image
06-2015	Rev4 – Corrected error in model name column, added clarification to steps