



Ariens Company  
 655 W. Ryan St.  
 Brillion, WI 54110  
 www.ariens.com

# Service Bulletin

**Product Family: Ariens Lawn Tractors**

**Subject: Unit Continues to Drive when Pedals Released**

**Dealer Action: Clean Variable Pulley on Units Experiencing Condition**

Ariens Model/Product Number	Serial Number Range Manufactured Date	Description
936075 / 960460056-01	010112AXXXXXX-120115AXXXXXX Jan. 1, 2012 - Dec. 31, 2015	Ariens Tractor
936076 / 960460058-00 & 01	010112AXXXXXX-120115AXXXXXX Jan. 1, 2012 - Dec. 31, 2015	Ariens Tractor
936077 / 960460059-00	010113AXXXXXX-120115AXXXXXX Jan. 1, 2013 - Dec. 31, 2015	Ariens Tractor
936083 / 960460061-00, 01 & 02	010113AXXXXXX-120115AXXXXXX Jan. 1, 2013 - Dec. 31, 2015	Ariens Tractor
936084 / 960460062-00	010113AXXXXXX-120115AXXXXXX Jan. 1, 2013 - Dec. 31, 2015	Ariens Tractor
936085 / 960460063-00 & 01	010113AXXXXXX-120115AXXXXXX Jan. 1, 2013 - Dec. 31, 2015	Ariens Tractor
936086 / 960460064-00	010113AXXXXXX-120115AXXXXXX Jan. 1, 2013 - Dec. 31, 2015	Ariens Tractor
936089 / 960480089 00 & 01	010113AXXXXXX-120115AXXXXXX Jan. 1, 2013 - Dec. 31, 2015	Ariens Tractor
936095 / 960460069-00	010113AXXXXXX-120115AXXXXXX Jan. 1, 2013 - Dec. 31, 2015	Ariens Tractor

Ariens Company has received some reports of lawn tractors in the model and serial number ranges above continuing to drive after the forward or reverse pedals are no longer being pressed. This condition requires the operator to apply the brake pedal to stop the unit. The Operator manual states that the unit is stopped using the brake pedal. However, during ownership, operators become accustomed to having the unit return to neutral and stop without applying the brake when either the forward or reverse pedals are no longer being pressed.

Investigation has determined that dirt and debris can accumulate around the variation pulley and pivoting levers and prevent the variation pulley from fully releasing. This prevents the variation belt from fully disengaging from the variation pulley, resulting in a continued-drive condition. If a customer experiences this drive behavior, the variation pulley and surrounding area needs to be cleaned. General Transmission has released a service letter addressing this condition. See pages 2 – 4 for service recommendations.

Standard warranty applies. Dealers will be reimbursed 0.50 hours at their standard shop labor rate for each machine repaired.

For additional information, dealers may visit the Dealer Extranet page on the Internet. Click on the "Dealer Support Portal" button, then click the "Ask a Question" tab to submit a comment or question to the Customer Support team. Dealers may also contact Ariens Technical Service at [ariens.custhelp.com](http://ariens.custhelp.com).

# RS800 Stuck in gear issue

## I- Issue and root cause

### Issue:

The tractor keep going in forward or reverse.  
Inversion from forward to reverse impossible.  
Required to use the brake pedal to stop the tractor.

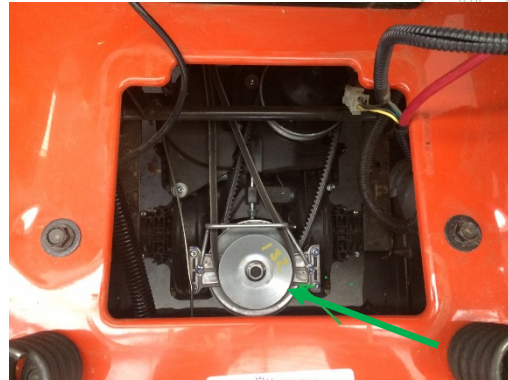
### Root cause:

Pollution that prevents the primary variation pulley to open and properly disengage the variation belt.

## II- Locate the Primary variation pulley

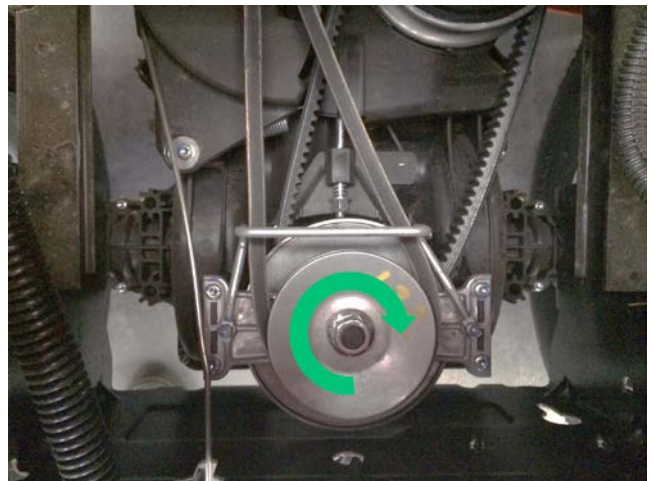
### Location:

The drive pulley is located on the rear part of the transmission, just below the tractor seat.



### Test:

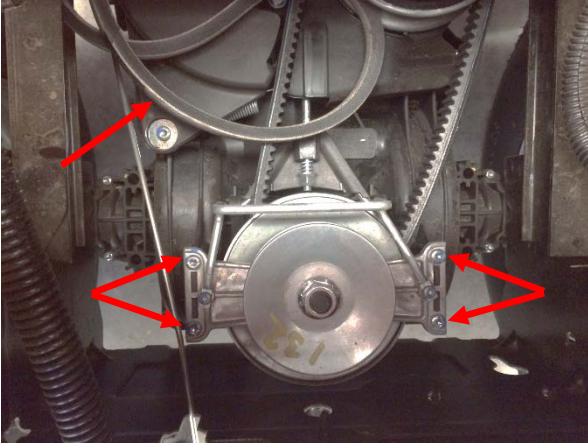
- 1 Engage the tractor parking brake to slacken the drive belt.
  - 2 Manually rotate the pulley as shown below.
- If the pulley cannot rotate freely, the primary pulley is not fully opened and keeps driving the variation belt.



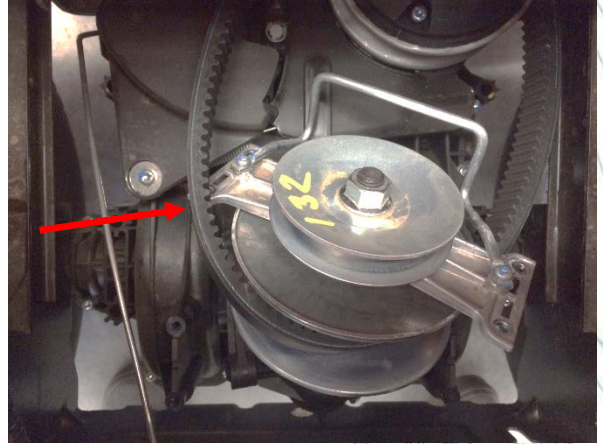


III- Clean the variation pulley area

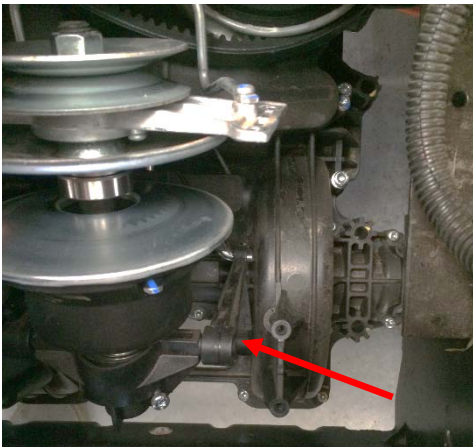
1- Remove the drive belt and 4 screws



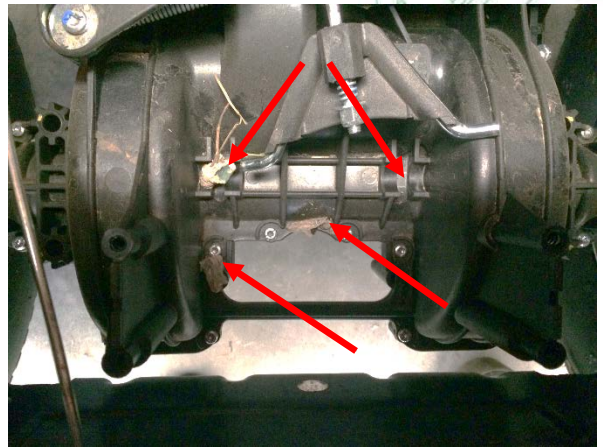
2- Remove the variation belt



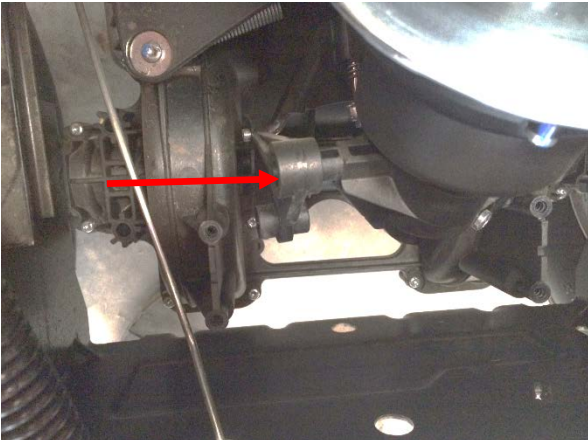
3- Remove both variation levers



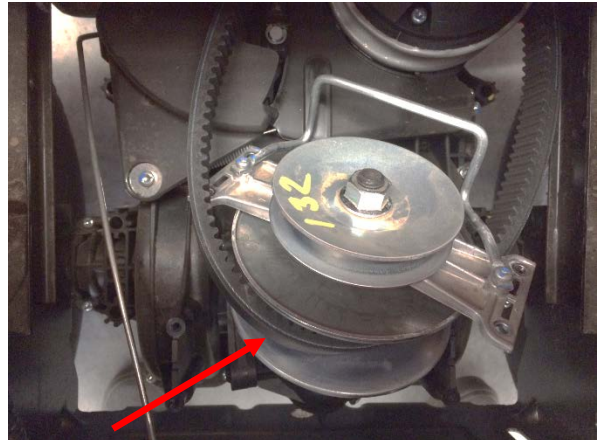
4- Clean all the area from debris, pebble, soil.



5- Install variation lever on both side of the variation pulley.



5- Insert the variation belt in the pulley.

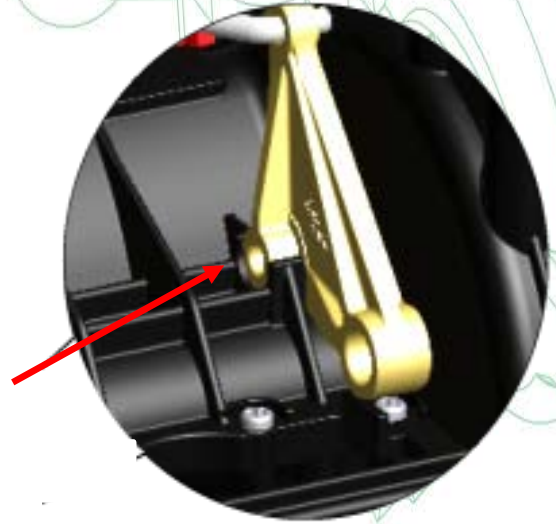
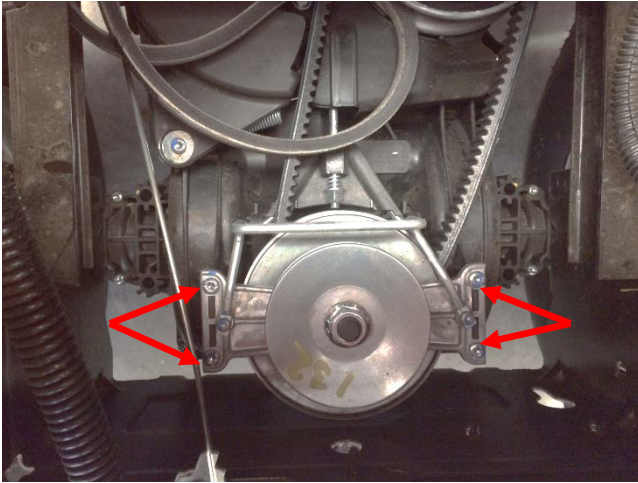


### III- Clean the variation pulley area

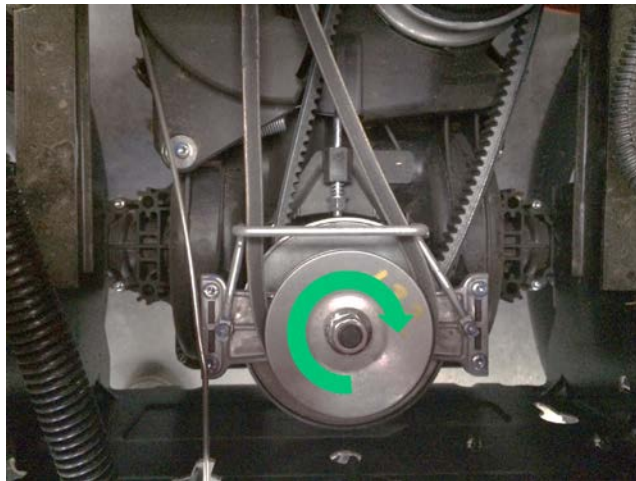
6- Put back the variation pulley in place and tighten the 4 screws

**GT recommend to use Loctite when tightening the screw**

**Make sure that both variation levers are properly seated on the housing**



7- Make sure that the variation pulley rotate freely, then install the drive belt in the pulley



Please feel free to contact us for more information  
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