

## HIGH-LOW SPEED SOLENOID KIT PART #4-731176

High-Low Speed Solenoid Kit (Part #4-731176) is available as an upgrade when replacing the High-Low Speed Solenoid (Part #1226545). Please refer to the installation instructions provided for Kit Part #4-731176.

This replacement kit is compatible with all RX1575 rollers manufactured after serial number 61000.



### INSTALLATION INSTRUCTIONS

**NOTE: Save the following hardware to be reused from old/existing Solenoid:**

- Screw M10x30
- Safety washer ripp-lock M10
- Screw M6x20
- Safety washer ripp-lock M6
- Nut M6

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**Safety Note:** Turn OFF the machine and remove the key before starting this procedure.

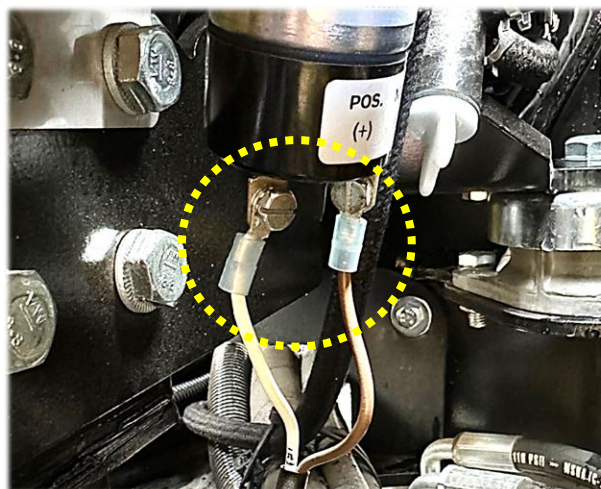
- 1) Remove/cut the Zip Ties that secure the solenoid's harness cable.



- 2) Remove the two 5mm screws that secure the solenoid to the engine mounting bracket.



- 3) Disconnect the wires/terminals from the solenoid.



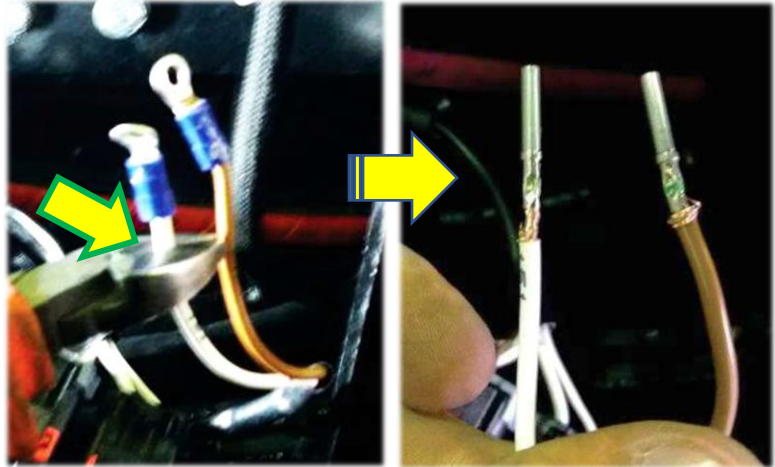
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- 4) Remove/cut the ring terminal connectors from the wires and replace them with the Deutsch connectors.

**Note:**

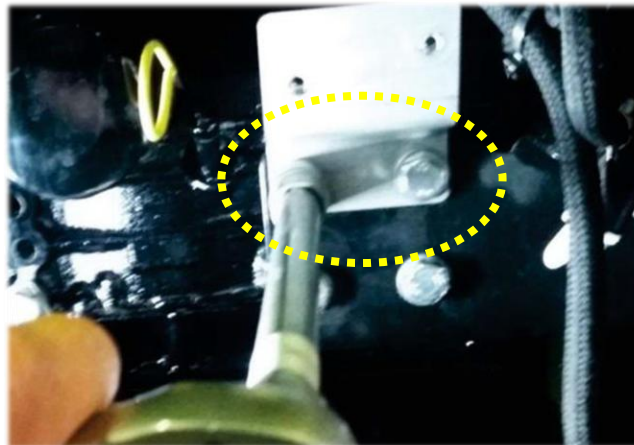
A Deutsch crimping tool is not included and must be purchased separately.



- 5) Insert wires with newly Installed Deutsch terminals ends into the Deutsch connector. When placing wires into the connector, make sure to match white to white.



- 6) Using a 10 mm socket, remove the old solenoid engine mounting bracket.



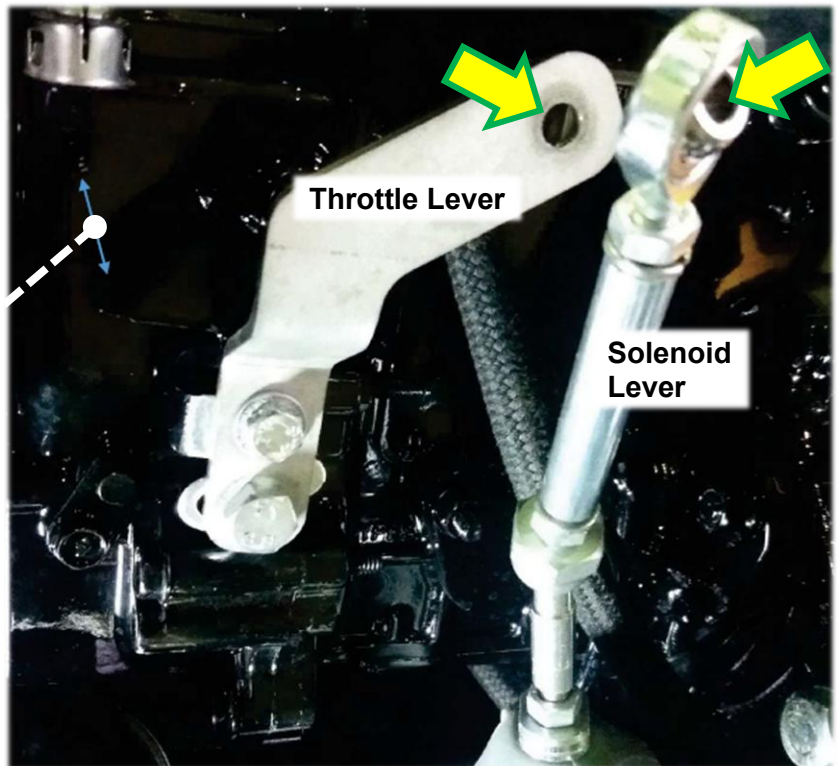
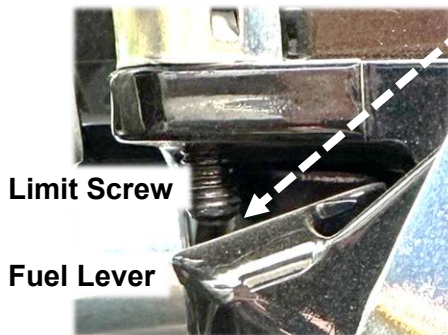


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- 7) Mount the new solenoid onto the engine block.

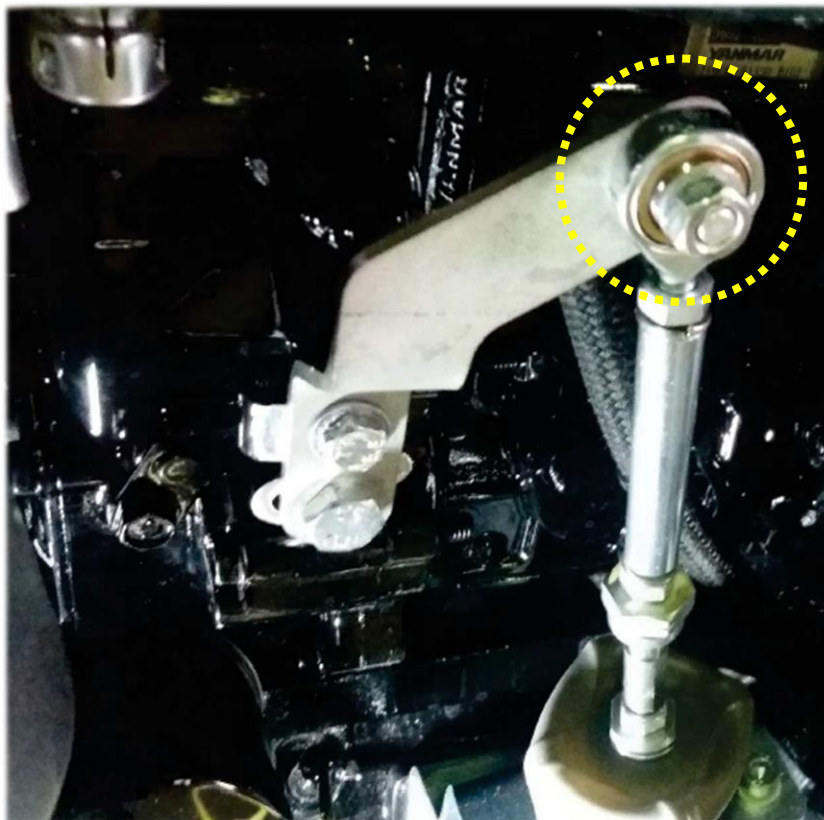


- 8) Push the throttle lever and the solenoid's lever so that the bolt holes align while maintaining a 2 mm air gap between the limit screw and fuel lever.

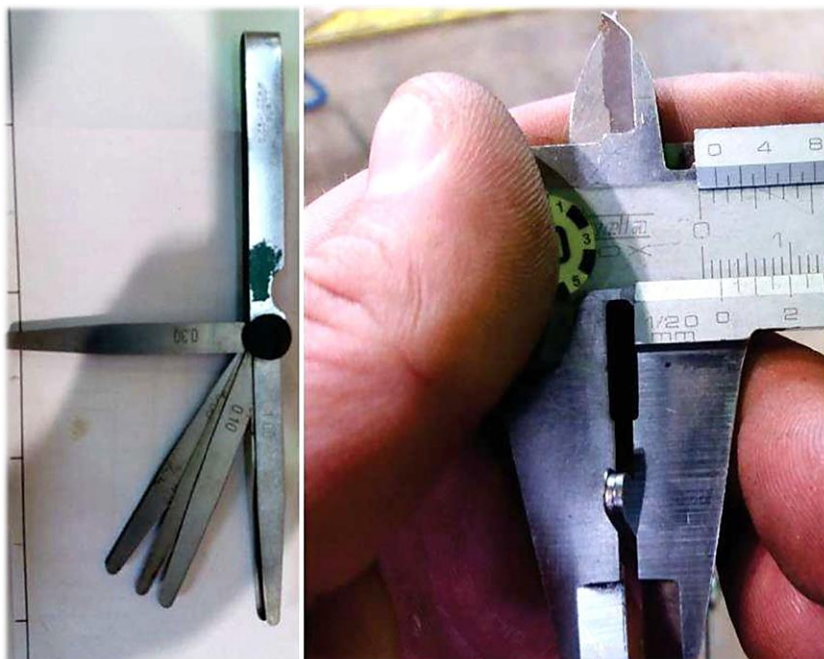


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- 9) Connect the solenoid and the throttle levers together (reuse existing hardware of old solenoid), apply Loctite "Threadlocker 262"



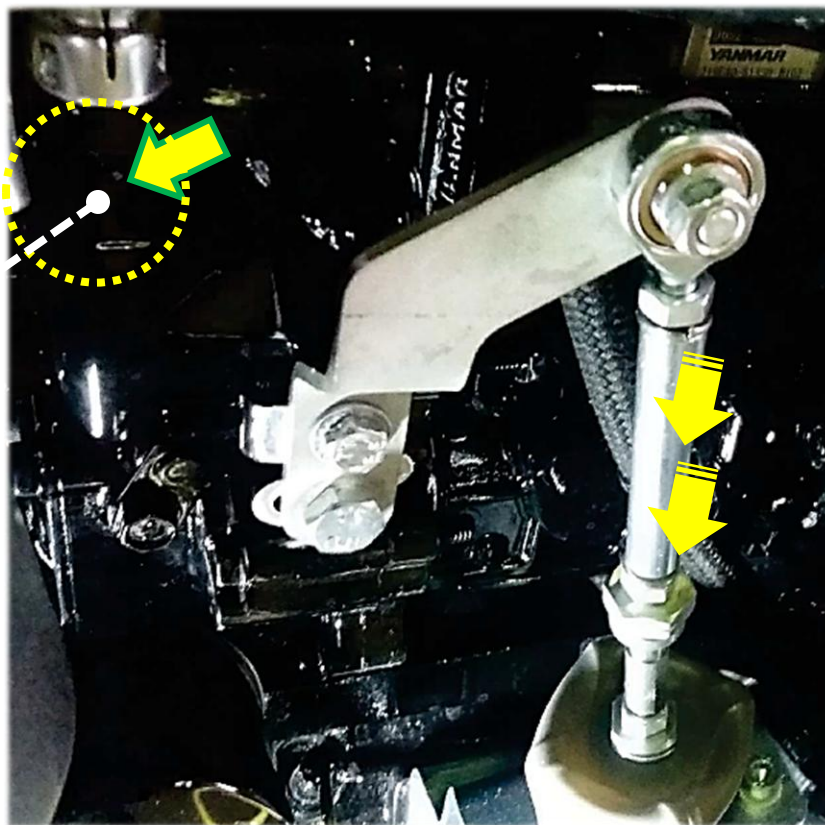
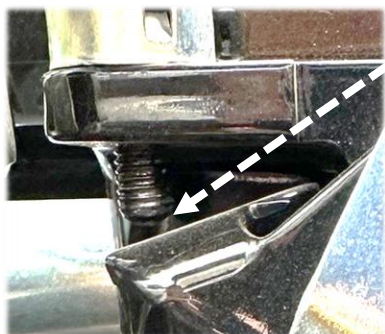
- 10) For use in setting the 2 mm control gap between the limit screw and fuel lever.



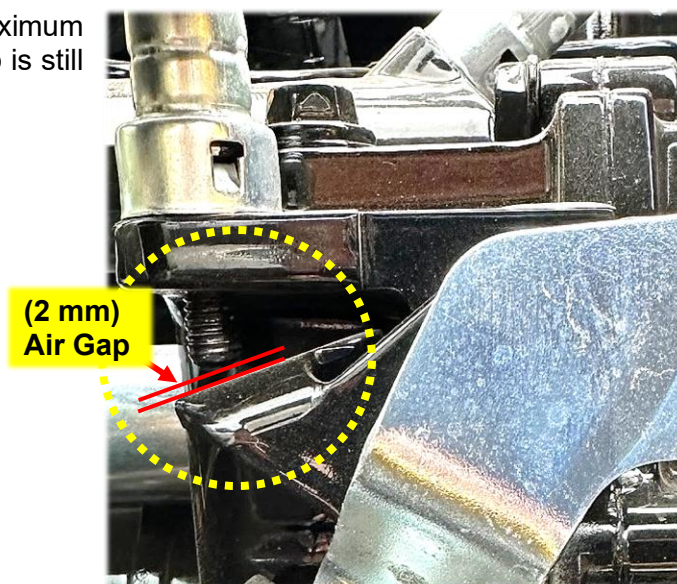


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- 11) Push the solenoid's lever to the max position and check/set the limit stop gap of (2 mm) with the feeler gauge.

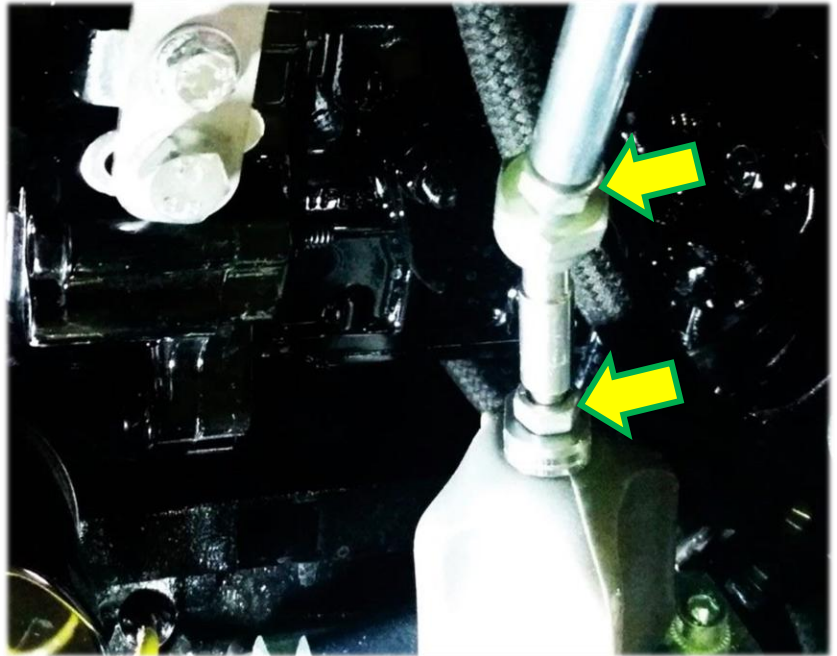


- 12) Position the solenoid in the maximum position and confirm that the gap is still set at (2 mm).



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- 13) It's important that the air gap between the limit screw and fuel lever is set correctly. Use the nuts on the solenoid's rod linkage as needed to make precise adjustment. After the air gap has been set, Remove the Loxeal 83-54 glue and add Loctite "Threadlock 262" to secure the nuts in place on the solenoid's rod.



- 14) Connect the solenoid's pigtail connector to the harness connector. Zip Tie the solenoid's harness cable as needed to secure in place.
- 15) Start the engine and operate to ensure solenoid function is normal.

