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EXTREMELY IMPORTANT

Stinger Bulletin 2023-1

There have been reported pump seal failures on select QA3000 units. Working in conjunction with Hydro-Gear, Stinger has elected to modify the low pressure return line array to reduce the potential of failure in these select units. Please see the list of affected serial numbers in the attached Stinger Informational Bulletin 2023-1. To address this issue, Stinger has developed p/n 95-3825 Low Pressure Hose Kit. These can be shipped upon request with either a seal kit or pump assembly. Please do not stockpile the kits.

Affected units without a failure

Order a no-charge 95-3825 Low Pressure Hose Kit. Schedule and complete the installation. File a warranty claim indicating "Bulletin 2023-1 Low Pressure Hose Rerouting". You will be paid a flat rate for labor as stated in the bulletin. Include the no-charge part used in the description of failure.

Affected units with a seal leak

The proper repair is to replace the seal kit rather than the complete pump assembly. Check over the Pump Assembly, particularly the input shaft bearing and case for any damage. Order a 70525 Seal Kit and a no-charge 95-3825 Low Pressure Hose Kit. File a warranty claim indicating "Hydro Pump seal leak. Repaired seal leak and updated hose routing as per Bulletin 2023-1 Low Pressure Hose Rerouting". You will be paid for the seal repair and an additional amount for the bulletin. Please make sure you include the parts used in the description of failure.

Affected units with a seal leak and damage

If upon inspection, it is found that there is damage to the Pump Assembly, then it will need to be replaced. Order a 40-0473 Lefthand Pump Assembly or 40-0474 Righthand Pump Assembly and a no-charge 95-3825 Low Pressure Hose Kit. File a warranty claim indicating "Hydro Pump seal leak, damaged pump assembly. Replaced Hydro Pump Assembly and updated hose routing as per Bulletin 2023-1 Low Pressure Hose Rerouting". You will be paid for pump replacement and an additional amount for the bulletin. Remember, you will need to return the Pump Assembly to Stinger. Return shipping label will be emailed to you at the email address indicated on the Stinger Warranty Claim if they request it. Make sure you include the parts used in the description of failure.

Attached to this notification are the "Informational Bulletin 2023-1" & the current "Low Pressure Return Hose Instructions". Any questions, please don't hesitate to contact us @ The CADCo Service Group

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INFORMATIONAL BULLETIN 2023-1

Pump Seal – Hydro Cooler QA-3000

Stinger Dealer,

Summary:

We have seen a nominal increase in pump seal failures on select QA-3000 units. We have seen premature seal failures on Hydro-Gear pumps manufactured on select dates. Through collaborative testing with Hydro-Gear we have elected to modify the return low-pressure line routing into the hydro cooler to further reduce any pressure on the seal.

Potentially affected units:

While failure is not anticipated, the following units were manufactured using pumps manufactured on the given dates:

QA3000-60409 through 60660 Pumps beginning with serial number 3076P, 3104P, and 3107P.

QA3000-60721 through 60740 Pumps beginning with serial number 3076P, 3104P, and 3107P.

QA3000-61014 through 61017 Pumps beginning with serial number 3076P, 3104P, and 3107P.

QA3000-61137 through 61141 Pumps beginning with serial number 3076P, 3104P, and 3107P.

QA3000-61159 through 61168 Pumps beginning with serial number 3076P, 3104P, and 3107P.

Recommendation:

For any unit in the referenced serial number range, we recommend scheduling an appointment for the Stinger dealer to evaluate the low-pressure routing with replacement as necessary. For units without a seed box, replacing the low-pressure hose routing is approximately 45 minutes. For units with a seed box, changing the low-pressure hose routing takes about 1.25 hours.

Warranty:

Stinger will supply at no cost the components necessary for the revised low-pressure line routing. Stinger will reimburse labor at a flat rate of \$100 U.S. dollars for units without a seed box attachment and \$150 U.S. dollars for units with a seed box attachment. No other warranty credit will be provided for this installation. No other warranty for the Product is affected by this installation.

What to do:

If you or your customer has a unit with a potential seal failure, we ask you to contact your distributor or Stinger for a return low-pressure line replacement kit.

If you or your customer has a unit that experiences a seal failure, we will supply a seal kit and a return low-pressure line replacement kit to be installed concurrently.

Instructions and a video are available via your dealer portal (<https://www.stingerequipment.com/dealer-portal/>). Once complete, submit a warranty claim form for reimbursement.

Low Pressure Return Hose Instructions

For Serial Numbers:

QA3000-60409 through 60660 QA3000-60721 through 60740 QA3000-61014 through 61017
QA3000-61137 through 6114 QA3000-61159 through 61168

Video Instructions located on the Dealer Portal

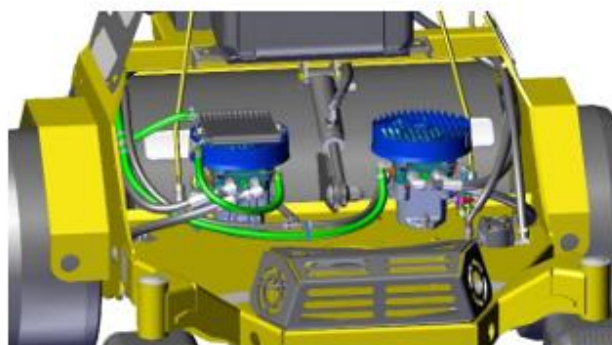
Previous Return Low-Pressure Hose Components (Green Hoses)

Part Number	Description	Qty
40-2380-1	3/8" Hose 5.25"	1
40-2380-2	3/8" Hose 11.50"	2
40-2380-9	3/8" Hose 35"	1
40-2274	5/8" Hose Clamp	7
40-1862	4504-6-6-6 T Fitting	1
2-1004	Zip Tie - 6"	2



Revised Return Low-Pressure Hose Kit Components (Green Hoses)

Part Number	Description	Qty
40-4012	3/8" Hose 15.5"	1
40-4014	3/8" Hose 29.1"	1
40-4610	3/8" Hose 6.25"	0
40-2274	5/8" Hose Clamp	6
40-1862	4504-6-6-6 T Fitting	1
2-1004	Zip Tie - 6"	2
	Kit Plug	3



- Prework** Position and park the machine in a safe work area.
- Prework** Turn off the machine, apply parking brake, remove the key, and disconnect the spark plug wire.
- Prework** If the unit is equipped with a seedbox, remove the seedbox.
- Prework** Locate the return line assembly.
- Step 1** Cut zip ties holding the low pressure lines.
- Step 2** Remove left side pump fan guard.
- Step 3** Remove the return line oetiker clamps at each pump (side fitting) and oil cooler inlet (90 elbow).
- Step 4** Remove right pump hose from fitting and plug hose.
- Step 5** Remove inlet hose to cooler (90 elbow) and plug hose.
- Step 6** Install 40-4012 hose on right pump (ensure clamp is on hose before connecting).
- Step 7** Install 40-4012 hose on cooler inlet (ensure clamp is on hose before connecting).
- Step 8** Remove the left pump hose from fitting and plug hose.
- Step 9** Install 40-4014 hose on left pump (ensure clamp is on hose before connecting).

- Step 10 Route 40-4014 hose to right side going under wiring harness and up towards return.
- Step 11 Measure 6 - 6.5" from oil cooler return and cut line (plug if preferred)
- Step 12 Install clamp on both ends of the cut hose.
- Step 13 Connect the ~6" hose to the T fitting.
- Step 14 Connect the other cut return to the T fitting.
- Step 15 Ensure all 6 clamps are tight.
- Step 16 Clean any residual oil from the unit.
- Step 17 Place a zip tie around two low pressure hoses at the T-fitting near the engine.

