




WARRANTY KILLER PERFORMANCE WKP-CSK Polaris 900/1000 Crank Seal Upgrade Kit Installation Guide

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WARRANTY KILLER PERFORMANCE WKP-CSK Polaris 900/1000 Crank Seal Upgrade Kit



PART NUMBER(s): WKP-CSK

WE ARE NOT RESPONSIBLE FOR ANY DAMAGES. BE VERY CAREFUL TO NOT DAMAGE YOUR CRANKSHAFT OR CASES DURING THIS PROCESS.

TOOLS NEEDED

- x1 – Flat Head Screw Driver x1 – Small Hammer
- x1 – Fine Emory Cloth
- x1 – Towel

ESTIMATED INSTALL TIME

- 1-2 Hours

STEPS

1. Start tapping the seal in towards the crankshaft with your flat head screwdriver and small hammer. The seal should almost be touching the crankshaft. Once the seal is close enough to the crankshaft you should start seeing the inner lip of the seal. If not, continue step 1.
2. Once you see the inner lip of the seal insert your flat-head screwdriver behind the seal and slowly but carefully pull the seal out. The seal is internally reinforced with metal and is rubber coated. Make sure you remove the entire rubber oil seal and metal inners. The metal inner reinforcement is built from steel and will be magnetic. The engine cases are aluminum not magnetic. While removing the seal if you separate the metal inners for the rubber you can use a magnet to remove the metal pieces. You will be able to see the groove cut into the OD of the engine case to locate the OEM seal where the crankshaft passes through the engine case.
3. Once the seal is removed, clean and polish the crankshaft and cases of any nicks, burrs, rust, dirt or sharp edges with fine emory cloth. Clean around the cases with a towel to ensure no metal shavings or oil is left. Once clean, make sure the two small oil relief ports located to the left and to the right of the main bearing where the case halves meet and are sealed, there is no excess case sealant in those ports by running torch tip cleaners through the relief ports. These ports do have a slight dog-leg in them and are about 3/4" long completely through. These ports relieve the oil bled off the main bearing behind the seal back in the bottom end for recirculation. Failure to check and clean these ports will result in the seal to continue leaking and or pushing the seal out via hydraulics as that oil will be at the pressure of the engine oil pressure with nowhere to relieve.
Remove the foam seal from the inner clutch cover.
4. Install the new seal inside on the crankshaft. The seal must sit flush against your cases. Although not required you may use a small amount of oil around the inside of the seal to help ease it on and over the crankshaft.
5. Install the aluminum ring around the new seal. Although not required you may use a small amount of silicone on the inner flange of the aluminum ring.

PARTS BREAKDOWN

ITEM	PART DESCRIPTION	QTY	OEM PART #	OUR PART #
A	KIT (SEAL + ALUMINUM RING)	—	—	WKP-CSK
A.1	SEAL	1	3610176	WKP-CSK-SO
A.2	ALUMINUM RING	1	—	WKP-CSK-RO

LIABILITY STATEMENT

Warranty Killer Performance's® products are designed to best fit user's ATV/UTV under stock conditions. Adding, modifying, or fabricating any factory or aftermarket parts will void any warranty provided by Warranty Killer Performance® and is not recommended. Warranty Killer Performance's® products could interfere with other aftermarket accessories. If user has aftermarket products on machine, contact Warranty Killer Performance® to verify that they will work together.

Although Warranty Killer Performance® has thousands of satisfied customers, user should be aware that installing lift kits, long travel, or suspension kits, tires, etc. will change the ride of machine and may increase maintenance and part wear. Operating any off-road machine while, or after, consuming alcohol and/or drugs increases risk of bodily harm or death. No


warranty or representation is made as to this product's ability to protect user from severe injury or death. Warranty Killer Performance® urges operators and occupants to wear a helmet and appropriate riding gear at all times. By purchasing and installing Warranty Killer Performance® products, user agrees that should damages occur, Warranty Killer Performance® will not be held responsible for loss of time, use, labor fees, replacement parts, or freight charges. Warranty Killer Performance®, nor any 3rd party, will not be held responsible for any direct, indirect, incidental, special, or consequential damages that result from any product purchased from Warranty Killer Performance®. The total liability of seller to user for all damages, losses, and causes of action, if any, shall not exceed the total purchase price paid for the product that gave rise to the claim.

Warranty Killer Performance® will warranty only parts provided by Warranty Killer Performance®. Any damage or problems with OEM housings, bearings, seals, or other manufacturers' products will not be covered by Warranty Killer Performance®. Warranty Killer Performance® parts and products are not warranted if item was not installed properly, misused, or modified. Installing, adding, modifying, or fabricating any factory or aftermarket product to your ATV/UTV may violate certain local, state, and federal laws. Be advised that laws vary depending on town, city, county, state, etc. Use of certain products on public streets, roads, or highways may be in violation law. The Buyer is solely and exclusively legally and personally responsible for any violation of the law by the installation or use of the product. You must abide by all local, state, and federal laws, including but not limited to vehicle safety, traffic laws, and ordinances. It is your responsibility to know the laws and how they apply to you. The Buyer is responsible to fully understanding the capability and limitations of his/her vehicle according to manufacturer specifications, warnings and instructions and agrees to

hold Warranty Killer Performance® harmless from any damage resulting from failure to adhere to such specifications, warnings and/ or instructions. The Buyer is also responsible to obey all applicable federal, state, and local laws and ordinances when operating his/her vehicle while using this product, and the Buyer agrees to hold Warranty Killer Performance® harmless from any violation thereof.

www.warrantykillerperformance.com

Documents / Resources

	<p>WARRANTY KILLER PERFORMANCE WKP-CSK Polaris 900/1000 Crank Seal Upgrade Kit</p> <p>t [pdf] Installation Guide</p> <p>WKP-CSK, Polaris 900 1000 Crank Seal Upgrade Kit, WKP-CSK Polaris 900 1000 Crank Seal Upgrade Kit, Crank Seal Upgrade Kit, Seal Upgrade Kit, Upgrade Kit</p>
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References

-  [Warranty Killer Performance](#)

Manuals+.