

K-swap Power Steering Kit

Install Tips: READ THE ENTIRE INSTALL GUIDE BEFORE STARTING

Below you will find tips on how to install your new Hybrid Racing *power steering kit* into a Honda K series equipped vehicle. **This power steering kit may not be legal for highway use. Hybrid Racing is not responsible for any direct or indirect, actual or incidental expense attributed to the use of any performance parts sold by Hybrid Racing LLC. Purchasers agree to all of the terms of this agreement upon the purchase of parts. More information can be found at www.hybrid-racing.com.*

Package Contents:

- (1) Black PS Pump fitting
- (1) Black PS Pump union –8 orb to –6
- (1) High Pressure PS line
- (1) PS Reservoir
- (1) PS Reservoir Bracket
- (1) PS Cooler with hardware
- (2) PS rack adapters
- (2) 5/8th hose clamps
- (4) 3/8th hose clamps
- (5) feet of 5/8th PS Hose (Large hose)
- (5) feet of smaller hose for EG chassis
- (10) Feet of 3/8th PS Hose (PS cooler hose)

Features:

- Allows you to keep PS in your EG, EK or DC chassis.
- Comes with all fittings and hoses needed.

Other Parts Needed:

- 2.5 quarts of Honda Power Steering Fluid, O2-O4 PS Pump, stock return hard line connected to rack, adjustable wrench, 10mm socket, flat head screw driver, snips to cut hose and a BELT FOR YOU SPECIFIC SETUP.

You should have everything listed above. I have laid out the parts that come with the kit as they will sit in your engine bay. Please take a moment to familiarize yourself with the kit **AND READ THE ENTIRE INSTALL GUIDE BEFORE ATTEMPTING THE INSTALLATION.**



Step 2: Mount the reservoir

The HR kit places the reservoir on the upper radiator support rail behind the passenger side headlight using the stock RSX mounting bracket included.

You can pick up one or two OEM bolt holes that are not currently being used or you can drill and tap two new holes. Either way make sure to lay out your lines to make sure everything will fit nicely.

You may mount the reservoir in a different spot if your engine bay setup does not allow you to mount it here just make sure that you have enough line.



Step 3: Mount PS Cooler

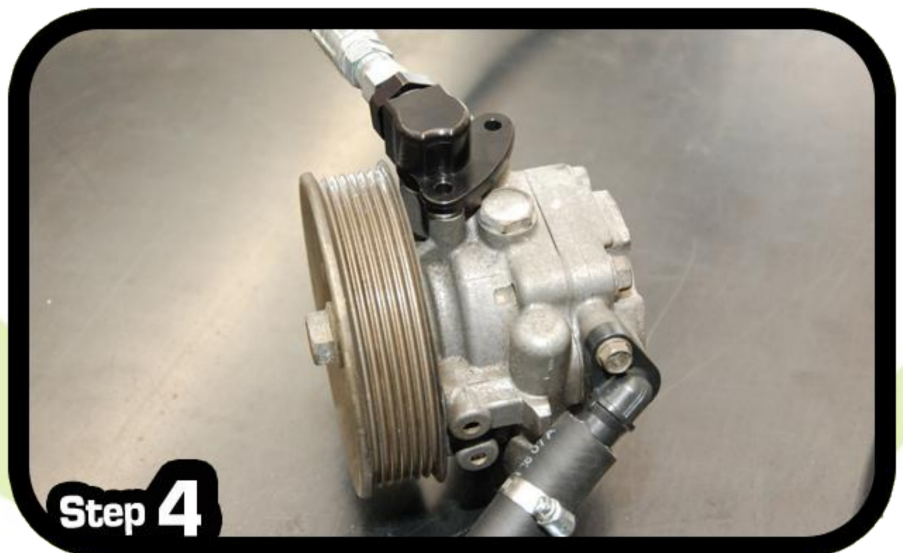
Use the included fan straps to attach the PS cooler to your radiator or AC condenser. If you do not have room on your radiator or want to mount the cooler in a different location just make sure there will be adequate air flow moving across the fins.

Make sure that the inlet and outlet of the cooler is facing the reservoir. This will make sure that the lines are not in a position to kink or bend.



Step 4: HR PS adapter

Included in the PS kit are two black fittings. Take the larger PS adapter and attach it to your PS pump using the OEM bolts. Take the second smaller black fitting and thread it into the PS pump fitting. It's a good idea to put a small amount of grease or oil on the O ring before tightening it to prevent leaks from a small tear.



Step 5: PS Rack Adapters

The HR kit comes with two fittings for different racks. The fitting attaches to the back of the rack where the OEM PS line attached. The OEM line was the really long line that ran to your stock PS pump. Unscrew it and screw this in its place. Connect the line with the white stripe to the newly installed fitting and run the other side of the hose to the PS pump. Almost done!



Step 6: Run the hoses.

The last step is running all the hoses. If you look at the picture below all of the hoses are laid out nicely and as they should be when installed in your chassis. Duplicate what you see here. You will also notice you have one bag (that is not shown here) with a smaller hose. This hose is for EG specific PS racks. Your going to connect this small line to your rack and run the other line to the OEM reservoir. Currently the reservoir has a small cap over a small nipple. Remove the cap and connect the small line. **THIS IS ONLY NEEDED FOR EG RACKS.**



Step 7: Belt and Cranking the car!

If you are running AC simply use whatever OEM belt your engine uses. So if your running an O2-O4 Type S engine use an O2-O4 Type S belt. **Things get trickier if you plan on just running PS and no AC! If this is the setup you are running you will need one of the following belts: 7pk1360 (7 rib belt; 1360mm) or D4070536.** Searching these two belts on Google will provide the right belt. It's a belt off of a 09 SC'd Cadillac STS's (I know crazy right) either way that's the belt you will need.

Once the belt is installed all that is left is to crank her up! Your going to want to fill it up with the 2.5 quarts of HONDA PS FLUID and check for leaks. CRANK THE CAR and while the car is idling move the wheel back and forth filling up the reservoir until your topped off. CHECK ONE LAST TIME FOR LEAKS! **!!!BE CERTAIN THAT THE FEED LINE IS TIGHT AS THE PRESSURE CAN REACH OVER 1000PSI!!! (CHECK AGAIN FOR LEAKS IN A FEW DAYS!!)**

If you have any questions or comments, please email info@hybrid-racing.com or call us at 225-932-9588

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