

Genconnex®

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Tech Note: Honda EU7000is oil reservoir extender kit installation instructions



This technical note describes how to install the Genconnex® external oil reservoir for extended run time on a Honda EU7000is generator.

Tools needed that are not included:

medium flat blade screw driver,
9/16" open end wrench
10mm socket and wrench

Est. time for install:

15 min.

STEP 1: Install Genconnex® reservoir tank onto the back lower Honda EU7000is generator frame tube. It should be mounted as far to the right as shown in picture (away from exhaust port) but not beyond the beginning of the frame tube radius. Start with reservoir on side so you can easily insert and tighten all 4 screws into cushion clamps, then tilt up to level with ground and finish tightening them so it will not turn down in use.

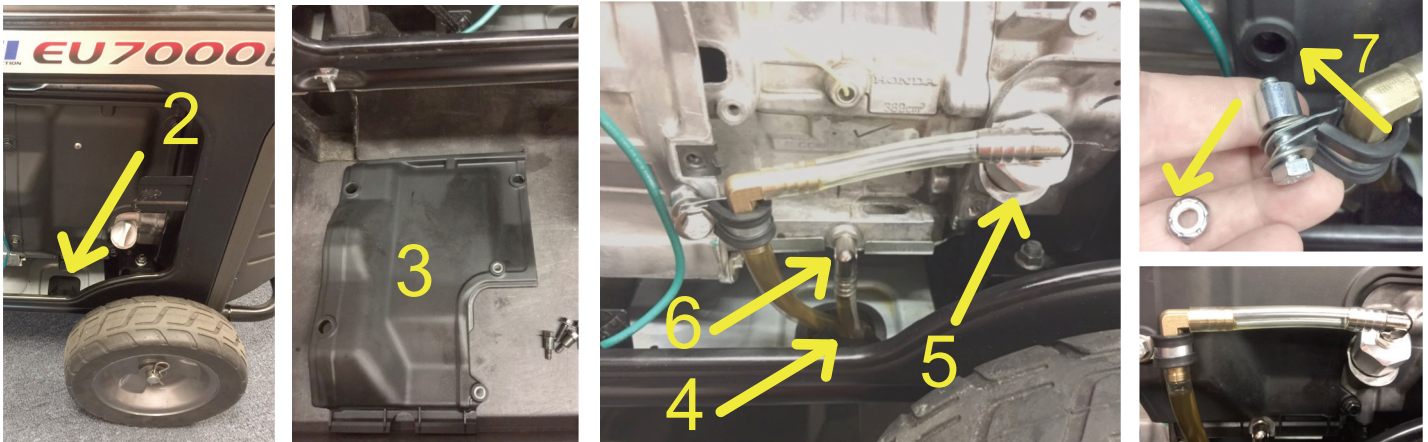


Route the attached tubes under the axle for next step.



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STEP 2: Install Genconnex® reservoir tubes and internal connections. 1) Open oil fill side door. 2) Remove the rubber flap just below oil drain and keep inside unit. 3) Remove the black plastic side engine cover to get better access to oil drain bolt. 4) Drain any existing oil now into a catch bucket, then route the two tubes from the new reservoir up through the oil access hole and seat the new 2.5" dia. gasket supplied with the kit as an edge guard for the hole. Note that it should come already on the tubes but may be loose in the box.



5) Install the new oil aluminum hex fill cap tightening it to firm. Note that the barb fitting is a swivel type so it should not turn when tightening the hex fill cap. 6) Remove the rubber drip edge from around the oil drain hole and save in unit, then install the swivel fitting attached to the second hose in the oil drain hole. Note it should be tightened firmly but NOT OVERTIGHTENED (Don't strip the threads). 7) Install hose clamp by removing and discarding the holding nut, then put the bolt with barrel spacer into hole and tightening with a #10mm socket.

STEP 3: Fill and drain the oil from the new fill/drain port just below the oil reservoir using the supplied pump. This is designed to minimize air pockets when filling and purging the most oil when draining. NOTE the unit can be filled from the original oil fill port but it will take much longer (and multiple cycles of waiting) for the oil to move through the system. In either case, start an run the generator briefly, then check oil level after off for 5 minuets.



Additional Notes:

- 1) When filling a unit for the first time, fill the oil pump to just below the first support ring (about 6" up) and that should fill the unit to the top thread of the original oil fill hole.
- 2) It will take time for the oil to settle after use but the clear tube inside the generator leading to the fill cap will show you the current fill level after the unit cools down.
- 3) Oil and occasional small air bubbles will be seen moving around when then generator is running and should not be a concern.