

Installation of Gearbox on a Harbil 5G

Tools Needed: 1/8" Allen Wrench
5.5MM Allen Wrench
2 – 7/16 Wrenches
Flat head screw driver
Hammer

1. Remove screws that hold the top cover of shaker on (6 – 7 Screws).
2. Remove top cover of machine.
3. You should see a motor right in front of you with a shaft that comes out of the right hand side with two connectors and a silver gearbox. Turn the connectors till you see a hole with a set screw in it.
4. Use the 1/8" Allen key to loosen the set screw.
5. Take the flat head screw driver and hammer and use it to tap the connector towards the motor.
6. The motor is attached to the red frame by a silver bracket and will be secured by 4 Bolts. You need to remove the top two bolts and loosed the bottom two. The motor will now fold down.
7. Looking to the right of the silver gearbox you will see a blue arm. Where this arm attaches to the red frame there are 2 black Allen bolts. Using the 5.5MM Allen wrench, remove both of these bolts.
8. The gearbox will not come out.
9. Install the new gearbox making sure the cross shaped plastic gears are in place on the couplers.
10. Replace black bolts into gearbox.
11. Lift motor up and put top bolts back in, but don't tighten it up.
12. Line the motor up to the gearbox and move attach the couplers together.
13. Tighten up all four bolts on the motor.
14. Reattach top cover.