

***INSTRUCTIONS FOR REPLACEMENT OF  
FLEXPLATE***

*The “**Belt Drive**” Units*

**WARNING**

- ! Never reach hands or other body parts in or near moving parts!
- ! Maintain a safe distance from any fixed or moving propeller!
- ! Prior to beginning any work on your project, turn off the main battery switch and/or remove the battery terminals and ignition keys!
- ! Parts are heavy. The unit components weigh approx... 70#. Take necessary precautions to avoid injury during installation of the drive unit.

**Always have a co-worker or assistant available to help.**

**If you have any questions or need technical assistance, contact Customer Service or Technical Representative at 814-677-7100.**

**Century Drive Systems Inc.  
687 Bucktail Road  
Franklin, Pa 16323**

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## **INSTRUCTION FOR REPLACEMENT OF THE FLEXPLATE**

1. Entire Unit will need to be removed to replace the flexplate. See installation instructions for removal procedure.
2. Once Unit Housing is removed from the engine, Remove (6) 7/16-20 bolts, nuts and spacers holding the lower assembly to the flywheel.
3. Remove (6) 1/2-13 bolts that hold the plate to the pulley. \*\*You may need to hit the bolt heads with a medium size hammer to shock the threads loose. Then use an impact wrench and socket to remove. You may also use a slight amount of heat with a propane torch to help with removal process by heating the pulley near the bolts.
4. Flexplate is very tight on the lower pulley shaft. Take a mallet and tap from the pulley side away from pulley. You will have to rotate it and tap in different areas to be sure plate comes off semi-straight.
5. Once removed, make sure all surfaces of pulley and new Flexplate are clean, free of burrs, paint and debris. We recommend sanding off paint around the center bolt hole pattern. You may also need to sand bore of plate to start onto the shoulder of the shaft.
6. Put a thin coating of Loctite on the pulley face and on each of the (6) new bolts.
7. Find a round pipe or socket that fits inside of the bolt circle. Drive flexplate onto pulley face.
8. While the flexplate is still loose, start all (6) bolts into pulley. Snug bolts in a criss-cross pattern down to flexplate.

9. Once plate is flat to pulley face, continue tightening bolts in a criss-cross pattern. Use a ½” impact wrench on setting #2 to tighten.
10. Re-install lower assembly to engine flywheel per original installation instructions.
11. Follow original installation instructions to complete the rest of the unit installation.

Any questions, please feel free to visit our website or contact us directly at 814-677-7100.

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