



ADVISORY BULLETIN # 16255

DECEMBER 7, 2016

SUBJECT: Set Chain Tension and Apply Loctite® to Sprocket Set Screws

MODELS AFFECTED: H12, H17 Two-Stage Snowblowers S/N 21210608 thru 21601934

PURPOSE: Walker has received field reports that the carriage bolts and nuts securing the reduction box, and the set screws securing the driven sprocket, may have not been properly tightened during assembly. If the carriage bolts come loose, allowing the reduction box to move, the drive shaft sprocket can come into contact with the driven sprocket causing significant damage to these components.

INSTRUCTIONS:

Set Chain Tension:

1. Remove PTO guard on the reduction box.
2. Loosen the four (4) carriage bolts and nuts securing the lower drive shaft sprocket support box to the reduction box housing.
3. Using a pry bar, apply leverage to push the lower drive shaft sprocket support box down to increase tension on the chain. The chain should have 1/16 to 1/8 in. of slack.
4. While applying downward pressure to maintain chain tension, tighten the four (4) carriage bolts and nuts to 25 ft•lbs.
5. After torquing fasteners, verify correct chain tension (per step #3).

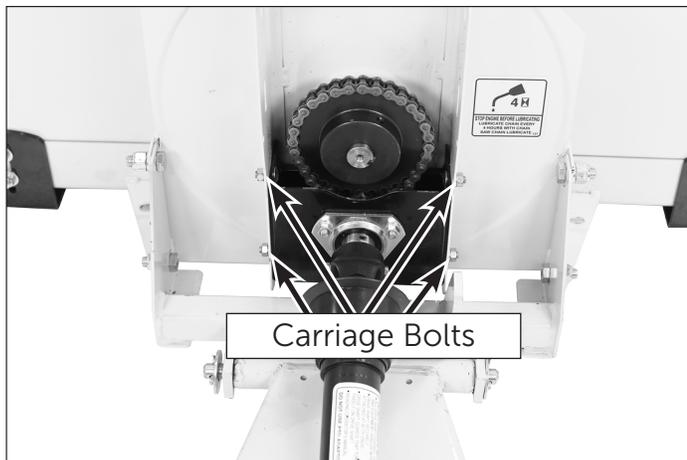


Figure 1.1

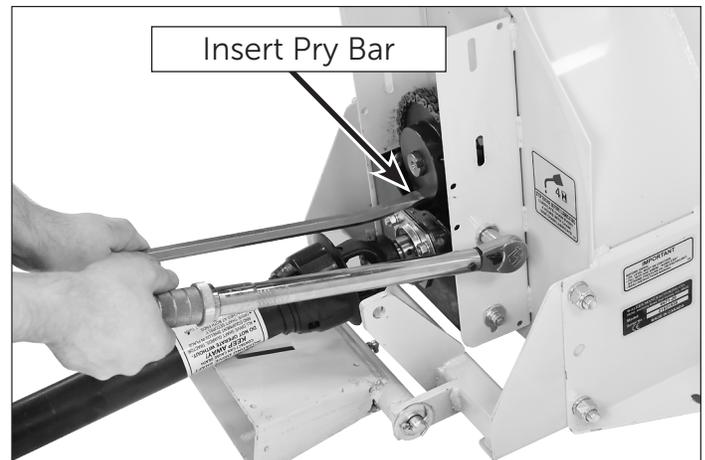


Figure 1.2

Continue to 2nd Page



Apply Loctite® to Set Screws

1. Remove set screws on the driven sprocket as shown in Figure 1.3.
2. Apply a fast dry, multi-purpose solvent to internal sprocket threads, and clean any residual oil from threads and set screws.
3. Apply Loctite® 243 to threads on the driven sprocket; reinsert set screws and tighten securely. Allow 24 hours for Loctite® to set if temperature is above 70 degrees Farenheit (allow more time if temperature is below 70 degrees Farenheit).
4. Reinstall PTO guard onto reduction box.



Figure 1.3

