

Recommended Tools

10-Bolt PTO Installation



Brought to you by Pro Gear & Transmission courtesy of Parker Hannifin Chelsea PTO

The banner features the Pro Gear and Transmission logo, which includes a blue gear icon. Below the logo, it says "New & Rebuilt CHELSEA PTO". To the right of the logo, there are four images of different red PTO models. The text "All Models in stock" is positioned above these images. At the bottom of the banner, a black bar contains the text "CALL: 407 872-1901 / 1 877 776-4600" in yellow and white.

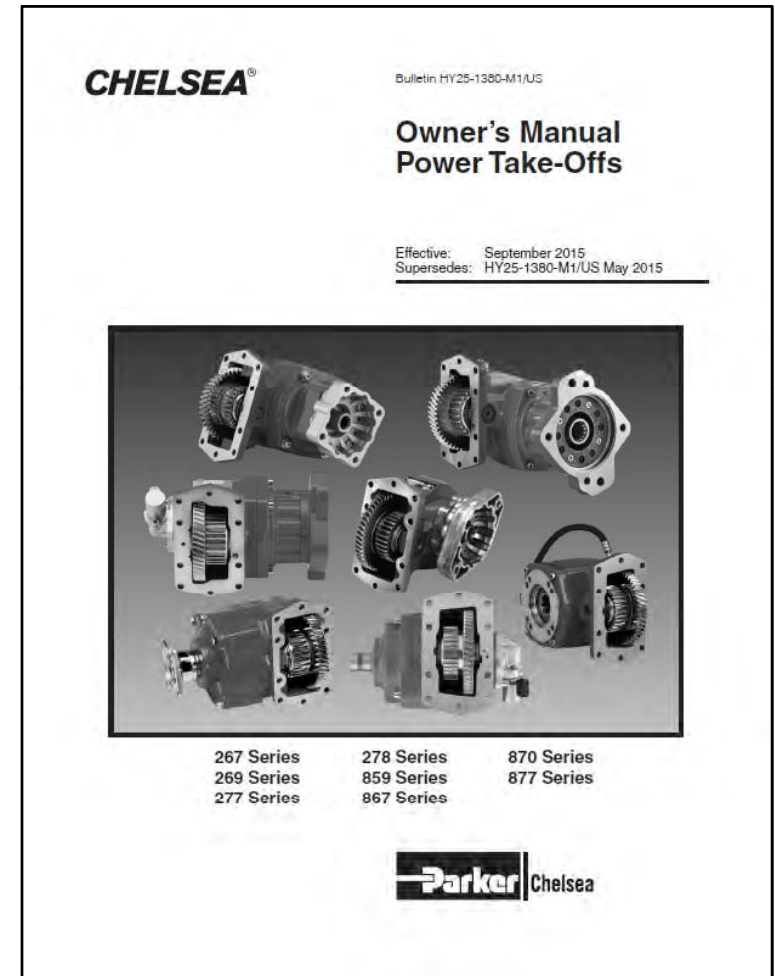
For parts or service contact us, Pro Gear & Transmission, Inc. parts@eprogear.com

ENGINEERING YOUR SUCCESS.

October 30, 2015

Installation Instructions

- Always follow the Safety and Installation Instructions outlined in the Chelsea Owner's Manual during installation.
- A copy of the Owner's Manual can be obtained at www.Chelseaproduct.com
- Use crossing pattern when torquing PTO bolts.
- When using torque adapters, ensure proper torque calculations are made to account for increased or decreased radius which can affect actual torque.



Drivers

- Although not necessary, a compact drill/impact driver can help run in bolts to reduce muscle fatigue.

***** CAUTION ***** – Be careful not to cross-thread or damage threads with this tool. It is recommended to start bolts by hand for a few threads before using cordless driver.



Wrenches

- Standard 3/8" Torque Wrench – 35-50 ft-lbs



- Ratcheting Flex-Head 10mm, 12 point



Extension

- 3/8" Extension, Knurled, Friction Ball, 6" Long



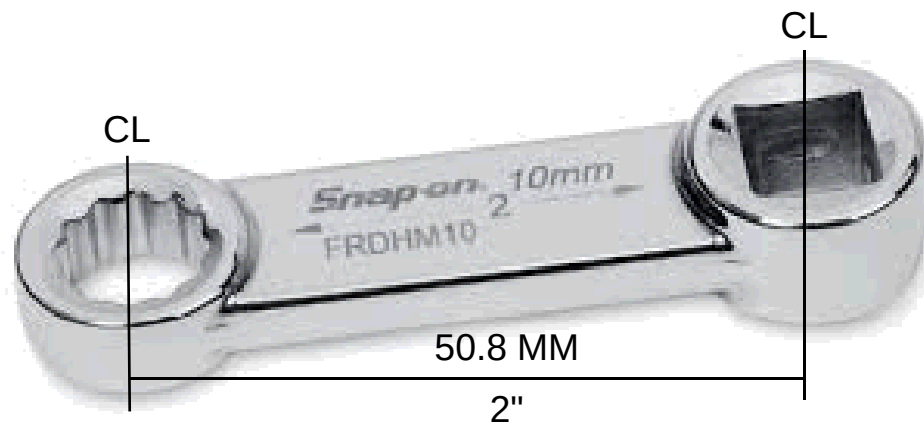
Sockets

- Flank Drive Swivel 3/8" socket -12 PT
 - 10mm
 - 15mm



Adapters

- Torque Adapter – 10MM, 12 Point
 - Extremely necessary for difficult to reach bolts.



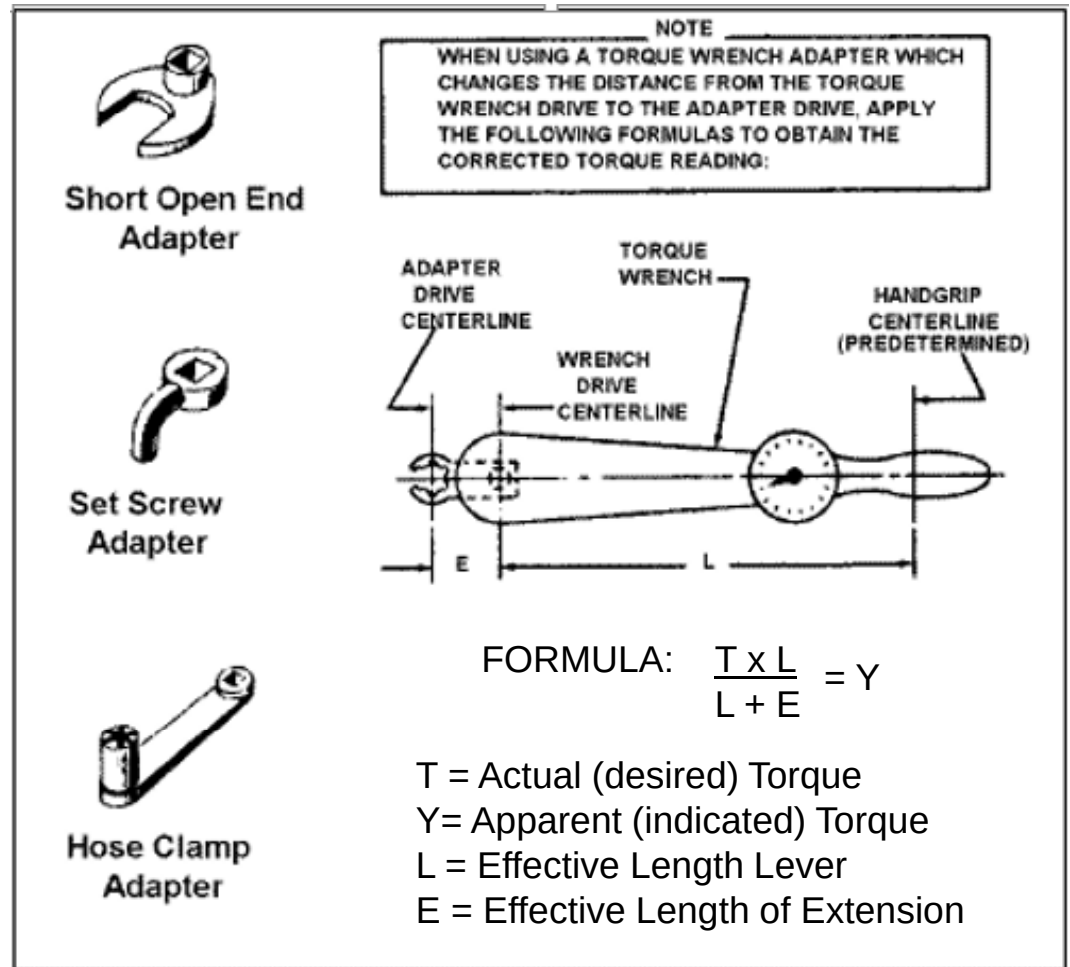
Corrected Torque with a Plus Dimension

- When using a torque wrench adapter, which changes the distance from the torque drive to the adapter drive, apply the following formula to obtain torque rating.

Example:

$$\frac{50 \text{ ft-lbs} \times 1}{1 + .167} = \boxed{42.84 \text{ ft-lbs}}$$

Torque Wrench Reads



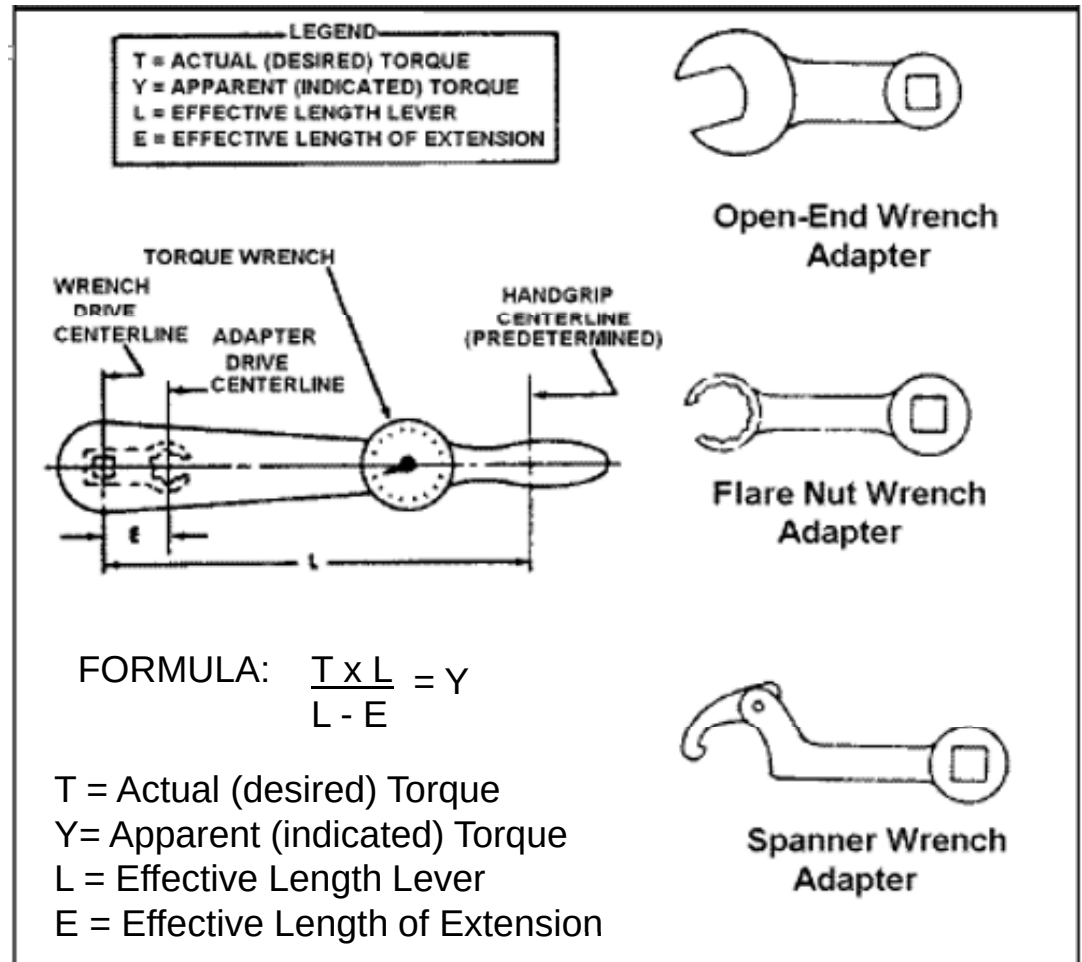
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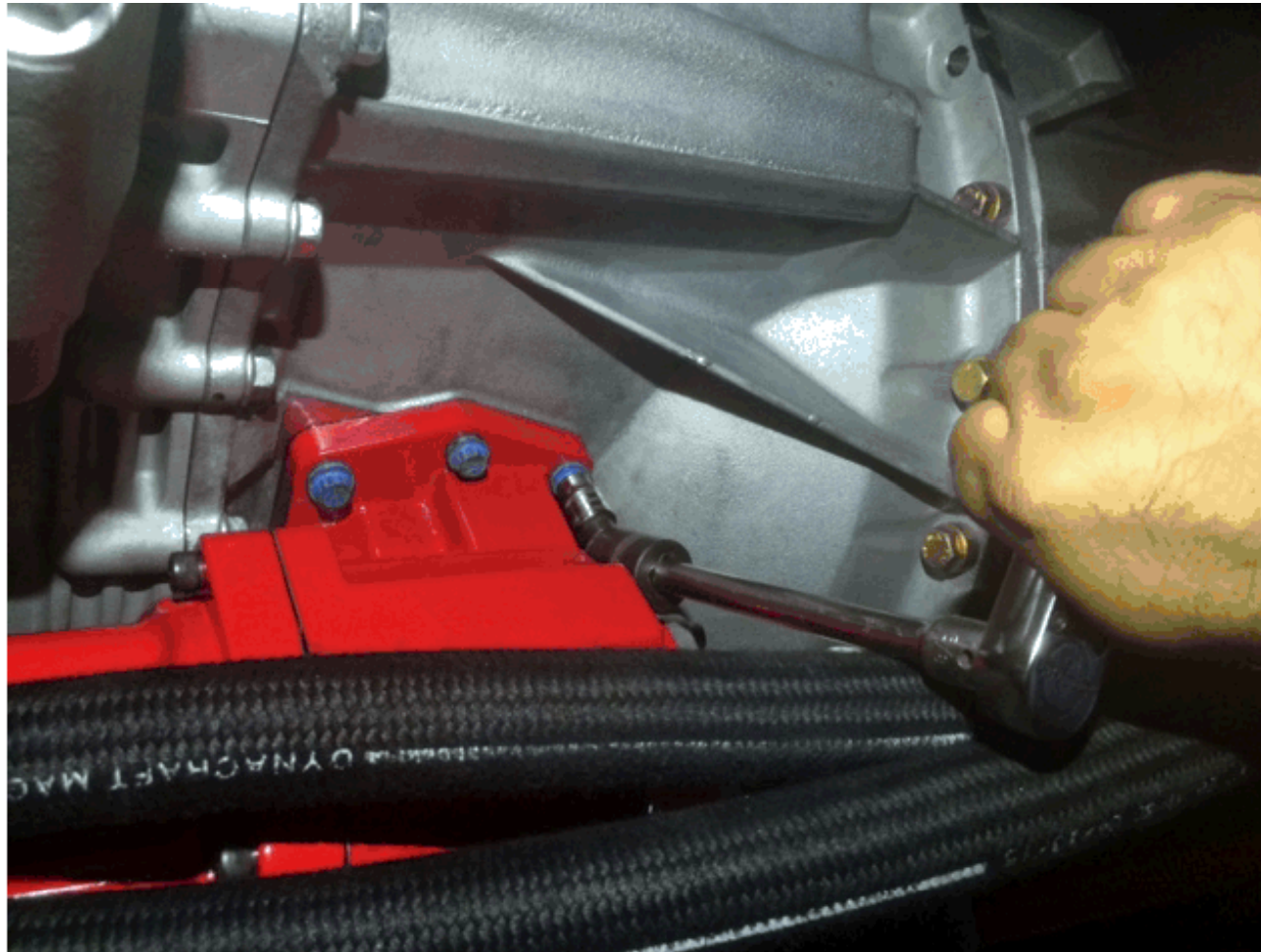
Example:

$$\frac{50 \text{ ft-lbs} \times 1}{1 - .167} = \boxed{60.02 \text{ ft-lbs}}$$

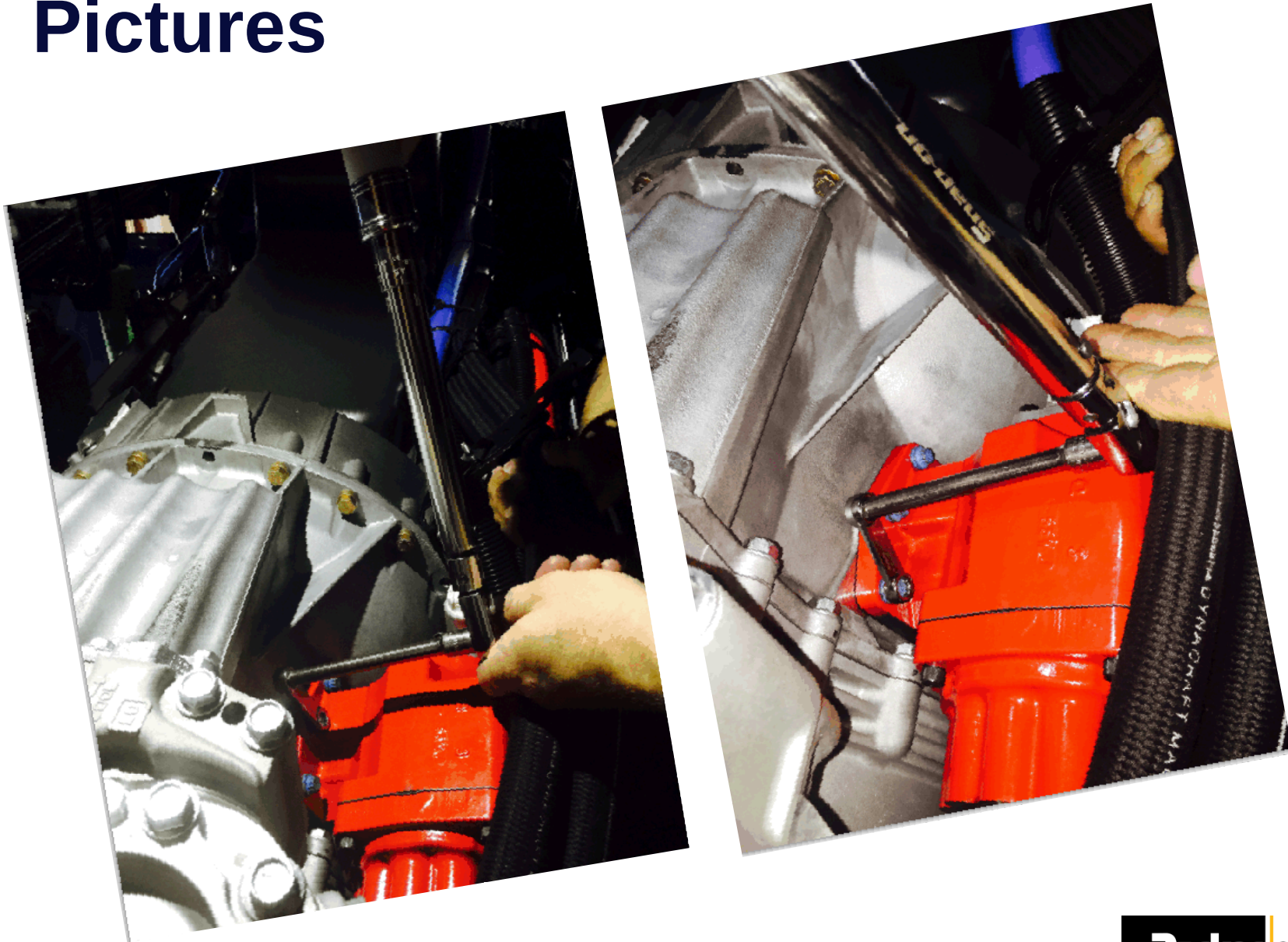
Torque Wrench Reads



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