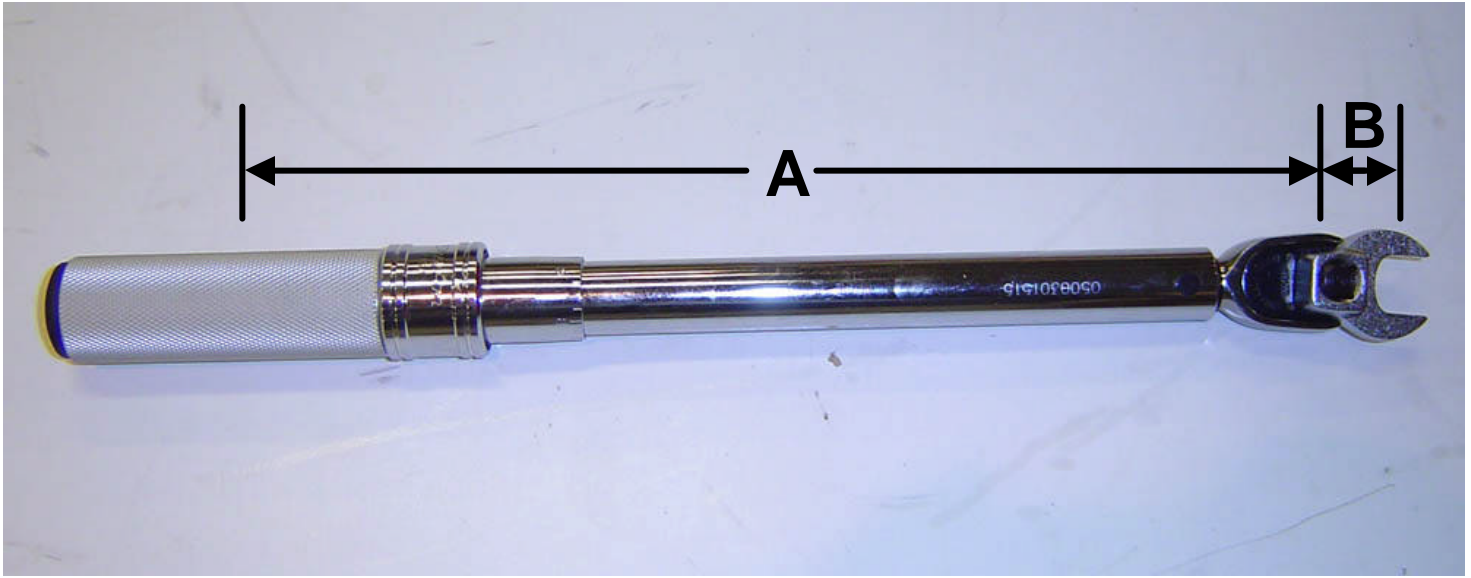


Torque Adapter Calculation

- A = length of torque wrench (measured to middle of handle)
- B = length of adapter
- C = torque wrench setting
- D = desired torque at end of extension (torque specification)



$$C = D [A/(A+B)]$$

EXAMPLE:

You have a crow's foot (1-inch long) and you want to achieve a torque at the nut of 8.8 lbs/ft (106 lb-in). Your torque wrench is 13 inches long. So, using the above letters:

- A= length of torque wrench = 13
- B= length of adapter = 1
- C= torque wrench setting = ?
- D= desired torque at end of extension = 8.8 lbs/ft

$$C = 8.8[13/(13+1)] = 8.2$$

Type your own numbers in the table below to find the torque wrench setting:

A (length of torque wrench)	B (length of adapter)	D (torque spec)	C (torque wrench setting)