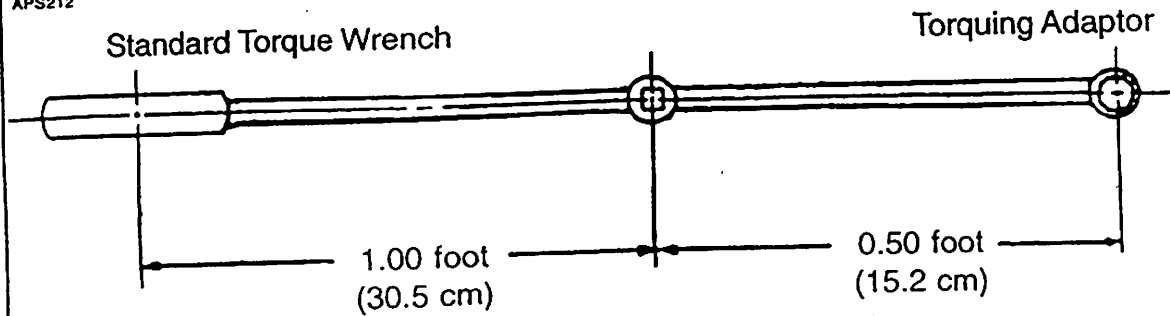


APS212



$$\frac{(\text{actual torque required}) \times (\text{torque wrench length})}{(\text{torque wrench length}) + (\text{length of adaptor})} = \text{torque wrench reading to achieve required actual torque}$$

EXAMPLE:

$$\frac{100 \text{ Ft-Lb (136 N}\cdot\text{m)} \times 1 \text{ ft (30.5 cm)}}{1 \text{ ft (30.5 cm)} + 0.50 \text{ ft (15.2 cm)}} = 66.7 \text{ Ft-Lb (90 N}\cdot\text{m)} < \text{reading on torque wrench with 6-inch (15.2 cm) adaptor for actual torque of 100 Ft-Lb (136 N}\cdot\text{m)}$$

Determining Torque Value of a Standard Torque Wrench with Adaptor