Installation procedures: **Scotseal®** *PlusXL*

This seal is hand installable. No special tools are required.

Caution: Do not install the Scotseal®PlusXL directly onto the spindle.

Place the hub (wheel) assembly flat or at least a 45° angle for seal installation.

1. Pre-lube the inner bearing cone with the lubricant that is being retained and place it into the hub.
2. Lightly lubricate the seal O.D. and I.D. evenly with the fluid that is being retained. Also apply a thin layer of oil on the hub bore that the seal is being pressed into. NEVER INSTALL DRY.
3. Press the seal by hand evenly into the bore. A rubber mallet or other soft-faced tool may be used to gently tap the seal into place. Be sure that the seal is evenly seated and bottomed in the bore. As in any seal installation, apply an even driving force to avoid cocking the seal or damaging the flange surface.
4. Allow seal to set for about 5 minutes prior to installing hub assembly onto spindle.

Lightly lubricate the OD and ID with the fluid being retained.

A rubber mallet may be used to tap into place.

Press the seal into the bore evenly by hand.

Caution: Install a new seal if the seal is cocked or damaged during or after installation.

Installation procedures:

Scotseal® *Classic* **/ Scotseal®** *Longlife*

Caution: Do not install the Scotseal® directly onto the spindle.

Place the hub (wheel) assembly against a solid surface or bench at a 45° angle for seal installation. This aids in centering the bearing and seal in the hub bore. Clean bore of any particles, rust or grease.

1. Pre-lube the inner bearing cone with the lubricant that is being retained and place it into the hub.
2. Place the **Scotseal®** *Classic* or **Scotseal®** *Longlife* into the hub bore and insert the tool assembly with centering plug into the seal. Note: Be sure to wear proper eye protection.
3. Hold the tool handle firmly and straight, and drive the seal with firm hammer strokes until the seal is squarely seated. Continue driving the seal into the hub until the sound of impact changes.
4. After the seal is bottomed in the bore, check for freedom of movement by manually moving the packing of the seal up and down. Ensure that the inner bearing rotates freely.

Caution: Install a new seal if the seal is cocked or damaged during or after installation.