

# SKF Scotseal<sup>®</sup> X-Treme HD, X-Treme, Pro

## Installation Guide



**Step 1:** Use SKF's SRT-1 seal removal or similar tool to properly remove the old wheel seal. Do not hammer on the bearings if bearings will be reused!



**Step 2:** If wear sleeve or inner sleeve ring is present, remove it by tapping lightly with a ball peen hammer. Never use a chisel. Thoroughly clean the seal seat, spindle, and threads.



**Step 3:** Remove all burrs from the seal bore and shoulder with an emery cloth. Thoroughly clean all grease, oil and dirt from the seal bore, spindle, spindle threads and hub cavity.



**Step 4:** Clean, inspect and pre-lubricate the inner and outer bearing cone.



**Step 5:** Place the pre-lubricated inner bearing cone into the seal side bearing cup.



**Step 6:** Lightly lubricate the seal OD and ID evenly with the same lubricant utilized in the wheel end hub, right before seal and hub installation take place. NEVER INSTALL DRY.



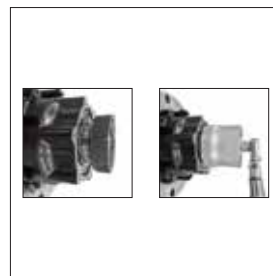
**Step 7:** Press the seal into the hub bore using even force to avoid cocking the seal. Be sure that the seal is evenly seated and bottomed in the bore.



**Step 8:** A rubber mallet may be used to gently tap the seal into place.



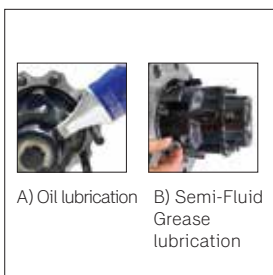
**Step 9:** Place the hub over the axle spindle being careful to align the hub bore with the axle. Next, install the pre-lubricated outer bearing cone while supporting the hub.



**Step 10:** Install the spindle nut according to TMC Recommended Practice RP618, Bearing Adjustment Procedure, or according to specific spindle nut manufacturer bearing adjustment procedure.



**Step 11:** On a conventional wheel end, use a dial indicator to verify end play measurement following the TMC Recommended Practice RP618, Bearing Adjustment Procedure.



**Step 12:** Install the hubcap with the new gasket, then add proper lubrication

A) Through the hubcap side fill or center fill plug until it reaches the proper level indicated in the window.

B) Through hub fill plug as per hub manufacturer recommendation.

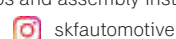
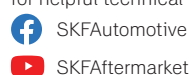


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