

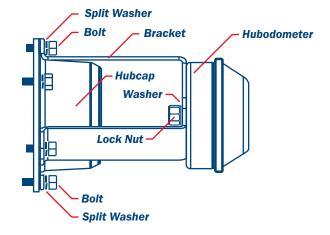
STEMCO Hubodometer and Bracket Installation Instructions

NOTE: LUBRICANT MAY NEED TO BE ADDED PRIOR TO BRACKET INSTALLATION.

- 1. Install hubcap with proper gaskets and installation methods provided by hubcap manufacturer.
- 2. Split lock washers are recommended to secure the hubcap bolts in place.
- 3. Fill to proper lubricant level.
- **4.** Mount Hubodometer® to face of bracket using the supplied flat washer and lock nut.
- Use 15-ft lbs. of torque to tighten locknut.
 DO NOT USE AIR IMPACT WRENCH. DO NOT EXCEED 15-ft. lbs. OF TORQUE.
- **6.** If necessary, use strap wrench to hold Hubodometer® while tightening.
- 7. DO NOT USE PAINTS, SOLVENTS OR THINNERS ON THE HUBODOMETER® FACE, GRILAMID HUB CAP OR HUBODOMETER® HUB CAP WINDOW.
- 8. Remove necessary bolts for bracket installation.

 SOME LUBRICANT MAY DRAIN. REFILL AS NECESSARY.
- 9. Mount bracket and Hubodometer® assembly.
- **10.** Split lock washers are recommended to secure the bolts in place.
- **11.** Proper length grade 5 or higher bolts are recommended to secure hubodometer bracket. **See chart below.**
- **12.** Torque bolts to the recommended Hubcap Torque specifications, see figure below for STEMCO hubcap bolt torque specifications.

The recommended torque for the 3/8" pipe plug for aluminum hub caps is 9 ft.-lbs. A suitable sealant may be used on the pipe plug threads if desired. On Grilamid hub caps with plastic fill plug and o-ring, tighten to torque not to exceed 10 in.-lbs. See Figure for Assembly example.



Hub Cap Mounting Bolts		
Bolt Size	Torque	Bolt Length
3/16"	8-10 ft. lbs.	1"
1/4"	8-12 ft. lbs.	1"
5/16"	12-16 ft. lbs.	1-1/4"
3/8"	16-20 ft. lbs.	1-1/4"
7/16"	18-22 ft. lbs.	1-1/4"
1/2"	20-24 ft. lbs.	1-1/2"
3/4"	24-28 ft. lbs.	1-3/4"
7/8"	26-30 ft. lbs.	2"
6 MM	8-12 ft. lbs.	25 MM
8.5 MM	12-16 ft. lbs.	30 MM

