



CMS 915 BILLET BEARING RETAINER
INSTALLATION NOTES

Thank you for purchasing the CMS 915 one piece billet bearing retaining plate. It replaces part numbers 915.302.121.04 and 915.302.123.03 and is much stronger in both design and function compared to the original parts.

Contents:

- Bearing retaining plate
- (10) 8x1.25 w/10mm hex shouldered nut
- (10) washers

Fits:

- All Porsche 915 4 and 5 speed manual transaxles '72-'86
- Also fits '76 912E 5 speed

1. The new bearing retainer is designed with a light interference fit for both four point bearings. It may be necessary to heat the bearing retainer and or install in a press.
2. Because of the one piece design the assembly procedure will differ slightly from that in the factory manual.
3. The design incorporates an oiling provision for input shaft bearings. You will see a notch machined in the top of the retainer of the diff housing side. You will have to make a corresponding notch in your differential housing, bearing race for the cylindrical roller bearing and steel setup shims for this to work. Instructions regarding this modification are available for download at http://www.californiamotorsports.net/CMS_915_BRT_oiling_mod.pdf
4. The new bearing retainer is designed with maximum clearance in mind however the original 8x1.25mm nuts with 13mm hex are too large to reuse. Special hex nuts and washers (10 each) are included. Do not reuse the old washers.
5. Torque nuts to 18 ft lbs using Blue Locktite on the stud threads.