



## **CMI PRO LOWER BALL JOINT INSTRUCTIONS**

### **ITEMS NEEDED TO INSTALL**

- A) SMALL SHOP HYD. PRESS**
- B) 1 1/4 SOCKET 6 POINT**
- C) 3/4 SOCKET**
- D) TORQUE WRENCH**
- E) 15/16 SOCKET**
- F) 1/4 ALLEN WRENCH**
- G) SUPPLIED GREASE**
- H) FLOOR JACK AND JACKSTANDS**
- I) RED LOCKTITE**

- 1) REMOVE STOCK LOWER BALL JOINTS**
- 2) REMOVE CAP AND PIN FROM NEW BALL JOINT**
- 3) PRESS NEW HOUSING INTO LOWER ARM, THREADS UP. APPLY SOME GREASE IN THE HSG. DROP IN TAPERED BALL PIN, ADD A LITTLE GREASE ON TO THE TOP OF THE BALL, INSTALL BRONZE CUP, AND SCREW ON GOLD RETAINING CAP FINGER TIGHT FOR NOW. ADD RUBBER DUST CAP ONTO TAPERED PIN AND SLIP IT ONTO THE LIP OF THE HOUSING. WRAP SUPPLIED ZIP TIE AROUND THE DUST BOOT IN THE LARGE DIA IN THE GROOVE OF THE BOOT.**
- 4) MAKE SURE THE 1/2 - 20 SET SCREW IS LOOSE AND THEN TORQUE THE GOLD CAP TO 100 FOOT LBS OF TORQUE.**
- 5) SNUG THE 1/2 - 20 SET SCREW FINGER TIGHT BUT STILL ALLOW THE PIN TO MOVE FREELY IN THE HOUSING. HOLD THE SET SCREW WITH YOUR ALLEN WRENCH AND TIGHTEN THE NYLOCK NUT TO 35-40**

**FOOT LBS. MAKE SURE THE TAPERED PIN STILL  
MOVES FREE IN THE HOUSING.**

**6) INSERT PIN INTO ALUMINUM SPINDLE MOUNT. APPLY  
RED LOCKTIGHT ONTO THE THREADS OF THE NUT  
AND TORQUE TO 80-85 FT. LBS.**

**7) CHECK TORQUE AFTER 1<sup>ST</sup> RIDE**

**8) CLEAN, REGREASE AFTER EVERY 500 MILES**