

INSTALLATION MANUAL

FOR

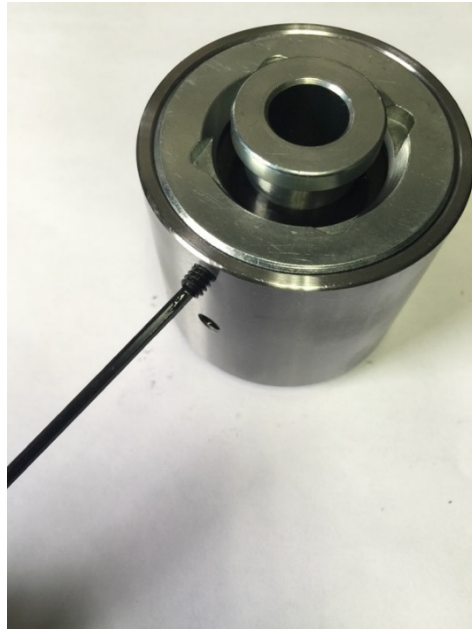
ROCK KRAWLER SUSPENSION, INC.

PRO FLEX JOINT REBUILD

MAY 2016 EDITION

1) Remove black set screw.

**PLEASE NOTE: Red Lok-tite is applied to set screw so heat may be needed.*



2) Using a Large joint tool, Unthread the retainer.

**PLEASE NOTE: Red Lok-tite is applied to joint retained so heat may be needed.*



- 3) Remove both black bushings, joint ball, and large washer.



- 4) Clean and inspect all parts.

- 5) Inspect large washer on back side of flex joint for flatness.

PLEASE NOTE: *If pro flex washer is not perfectly flat, joint bushing will not get the correct preload causing early bushing failure.*

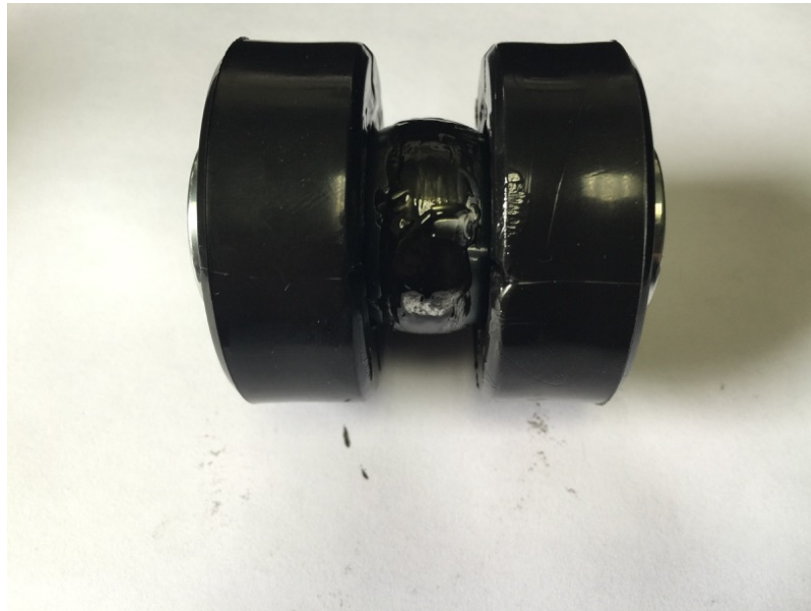
6) Reinstall Pro flex washer.



7) Press bushing halves over joint ball.



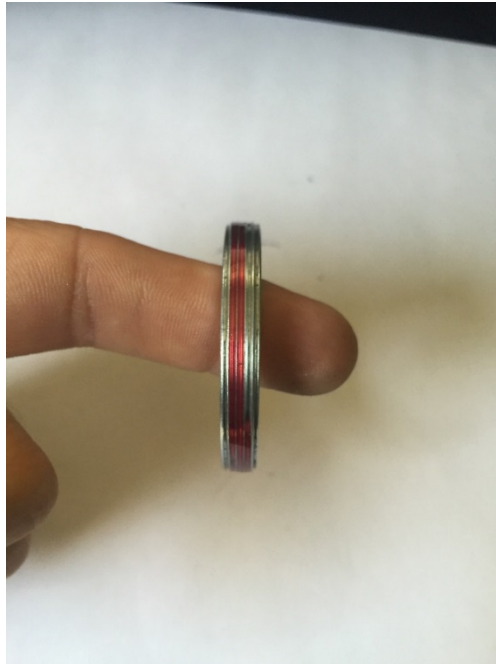
- 8)** Apply Rock Krawler Molyube AC 1000 Grease grade 000, or functional equivalent, to the ball and bushing.



- 9)** Spray inside of housing with WD-40.

- 10)** Press in Bushing/Ball assembly into housing.

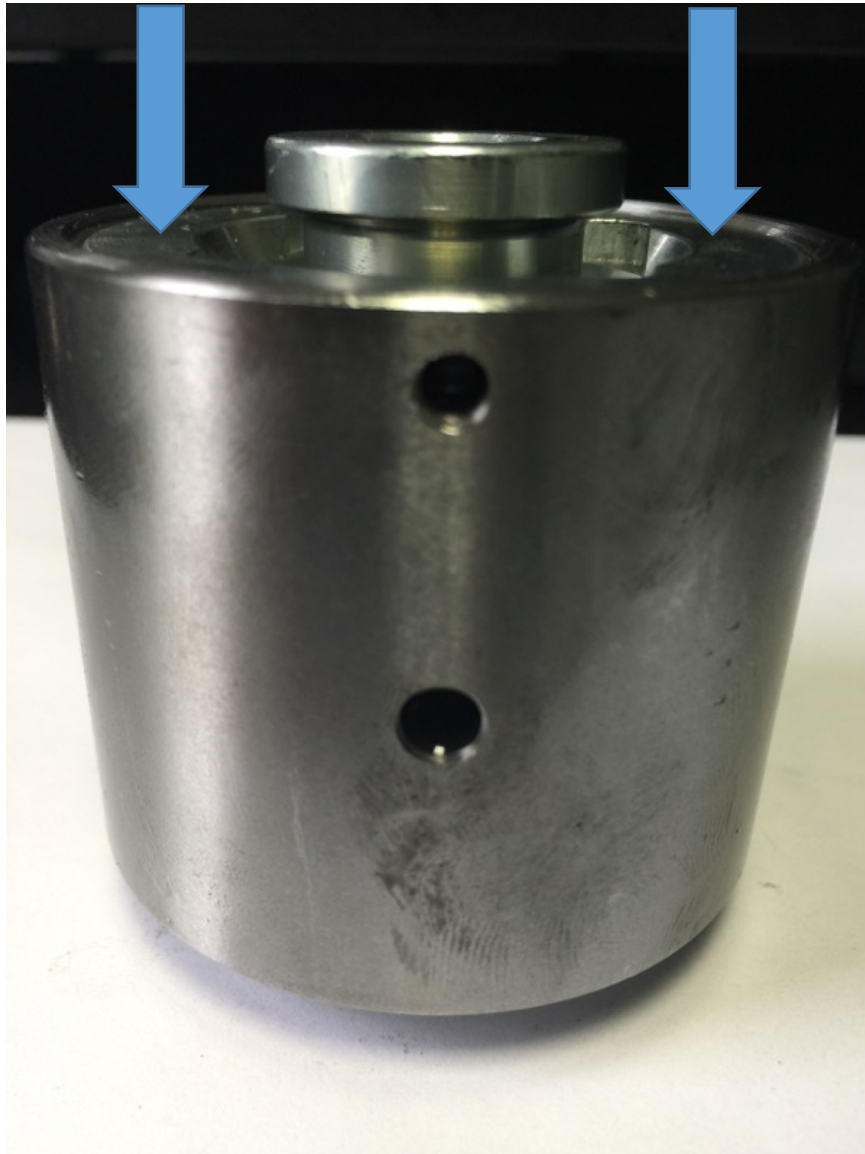
- 11)** Apply a bead of RED Lok-tite around the entire threaded portion of the retainer and install back into housing.



- 12)** Torque Joint retainer using the Large Joint tool to 35 FT. LBS.



- 13)** Ensure joint retainer is sunk below housing. If retainer is not below flush then the bushings will not have proper preload causing premature bushing failure.



- 14) Apply red lok-tite to black set screw and install in housing. TORQUE TO 50-60 IN. LBS.



WARNING:

-DO NOT OVER GREASE JOINT THROUGH GREASE FITTING.

-ALSO BE SURE TO USE 000 GRADE GREASE.

-FAILURE TO DO SO CAN RESULT IN A DEFORMED PRO FLEX WASHER CAUSING IMPROPER BUSHING PRELOAD AND A JOINT THAT IS LOOSE.

Your Pro Flex joint rebuild is complete.

Parts List:

- Pro Flex joint bushings- RK04708**
- Pro Flex race joint bushings- RK04838**
- Large joint tool- RK04484**
- Rock Krawler 000 grease- RK05495**

Any questions feel free to call 518-270-9822 and speak to one of our techs.