

JEEP AXLE SEAL - PART # 10-2032A

INSTALLATION INSTRUCTIONS

TOOLS:

(2) JACK STANDS (SAFETY ITEM)
(2) WHEEL CHOCKS (SAFETY ITEM)
SAFETY GLASSES (WEAR THEM!)
AXLE GREASE
GREASE GUN
TORQUE WRENCH; 100 FT/LB CAP

FLOOR JACK
HAMMER
WIRE OR CABLE TIES
SCOTCH BRITE/ EMERY CLOTH
 $\frac{1}{2}$ " 12 POINT SOCKET
RATCHET HANDLE

TO INSTALL:

- 1.) ON A LEVEL SURFACE, CHOCK REAR WHEELS, SET PARKING BRAKE, LOOSEN FRONT WHEEL LUG NUTS ON BOTH FRONT WHEELS. RAISE VEHICLE BY FRONT AXLE W/ JACK UNTIL FRONT WHEELS ARE OFF GROUND. CAREFULLY PLACE JACK STANDS UNDER AXLE, AND LOWER VEHICLE ONTO STANDS. CHECK THAT VEHICLE IS SECURELY IN PLACE, AND REMOVE BOTH FRONT WHEELS AND SET ASIDE.
- 2.) START ON PASSENGER SIDE. REMOVE THE TWO BOLTS HOLDING CALIPER USING $\frac{1}{2}$ " SOCKET. REMOVE CALIPER, REST IT ON LOWER ARM AND CABLE TIE OR WIRE IN PLACE SO CALIPER DOESN'T FALL AND DAMAGE BRAKE LINE.
- 3.) REMOVE (3) 12 POINT HEAD BOLTS W/ 12POINT SOCKET FROM REAR SIDE OF SPINDLE. (THESE MAY REQUIRE A BREAKER BAR/ LOOSENING OIL TO FREE)
- 4.) PULL AXLE SHAFT OUT OF HOUSING. USE A HAMMER TO REMOVE PLASTIC DUST COVER BY TAPPING AROUND THE EDGES. CLEAN AXLE SHAFT W/ SCOTCH BRITE/ EMERY CLOTH, ESPECIALLY AROUND AREA WHERE SEAL CONTACTS SHAFT.
DO NOT SCRATCH THIS AREA- REMOVE RUST/ DEBRIS/ SHARP EDGES THAT CAN CAUSE SEAL FAILURE
- 5.) APPLY A LIGHT COATING OF GREASE TO INSIDE OF AXLE TUBE, AND TO THE "O" RINGS ON THE AXLE SEAL AND THE REST OF THE SMALLER OUTSIDE DIA. OF THE SEAL. INSERT SEAL W/ GREASE FITTING FACING FORWARD (HORIZ). PUSH IN SEAL UNTIL EDGE OF LARGER OUTSIDE DIA. SEATS ON END OF AXLE TUBE (MAY TAKE SOME EFFORT- A PIECE OF 2X4 WILL GIVE YOU LEVERAGE)
- 6.) GREASE THE AXLE SHAFT, CAREFULLY SLIDE BACK INTO HOUSING, AND FASTEN IT BACK IN PLACE - TORQUE THE (3) BOLTS TO 75 FT/ LBS.
- 7.) UNTIE THE BRAKE CALIPER AND RE-INSTALL. TORQUE THE CALIPER BOLTS TO 11 FT/ LBS.
- 8.) USING GREASE GUN, FILL THE SEAL WITH A LOW MELTING POINT GREASE (RUBBER EDGE WILL BULGE SLIGHTLY - THAT'S ENOUGH!)
- 9.) REPEAT STEPS 2-8 ON THE OTHER SIDE OF YOUR VEHICLE - THEN REPLACE WHEELS (PROPERLY TIGHTEN LUG NUTS!) - LOWER CAR, REMOVE CHOCKS AND RELEASE BRAKE- YOU'RE READY TO DRIVE IN THE MUD, WATER, OR SNOW WITH THE ORIGINAL, PATENTED, MADE IN AMERICA "JEEP" AXLE TUBE SEAL

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