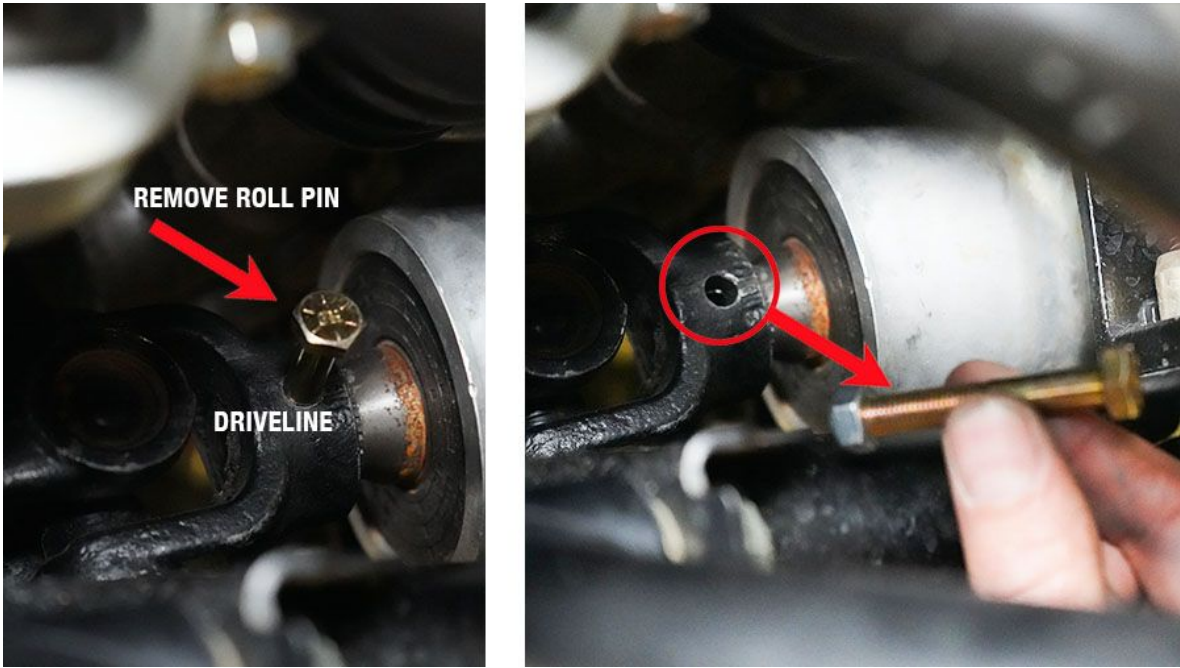




TURBO S FRONT DIFF. BEARING KIT INSTALLATION

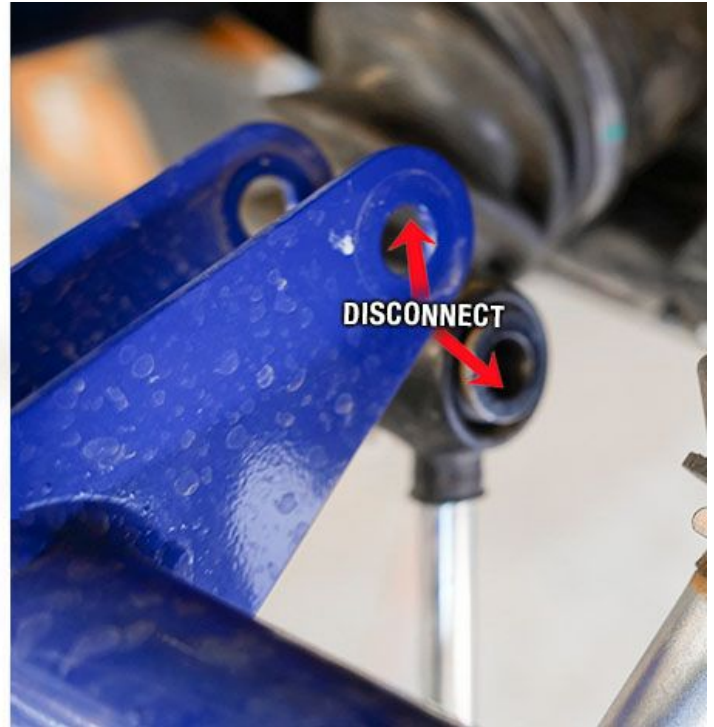
STEPS	INSTRUCTIONS
1	RAISE & SUPPORT VEHICLE, THEN REMOVE THE FRONT PASSENGER AND DRIVER SIDE TIRES  A blue and grey off-road vehicle is shown from the front, elevated on a blue hydraulic lift. The front passenger and driver side tires have been removed, revealing the suspension and drivetrain components. The vehicle is in a workshop setting with various tools and equipment visible in the background.
2	DRAIN FRONT DIFF
3	REMOVE ROLL PIN FROM DRIVELINE  Two close-up photographs show the removal of a roll pin from a driveline component. The left image shows a roll pin being inserted into a hole in a metal part, with a red arrow pointing to it and the text "REMOVE ROLL PIN" above it. The right image shows a hand using a screwdriver to remove the roll pin from a similar hole, with a red circle highlighting the hole and a red arrow pointing to the pin.



TURBO S FRONT DIFF. BEARING KIT INSTALLATION

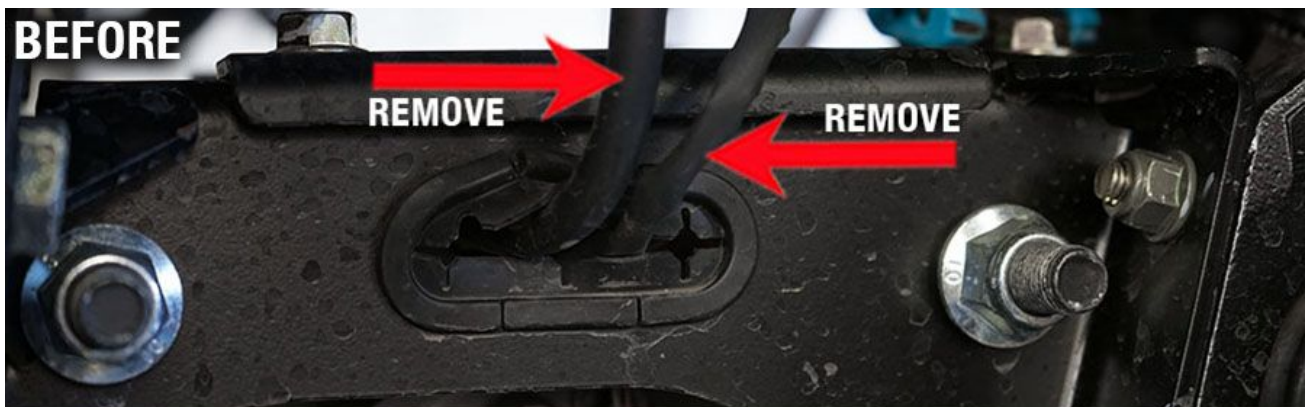
4

DISCONNECT SHOCK & SWAY BAR FROM UPPER ARM ON BOTH SIDES



5

REMOVE ELECTRICAL & VENT HOSE FROM DIFF BRACKET

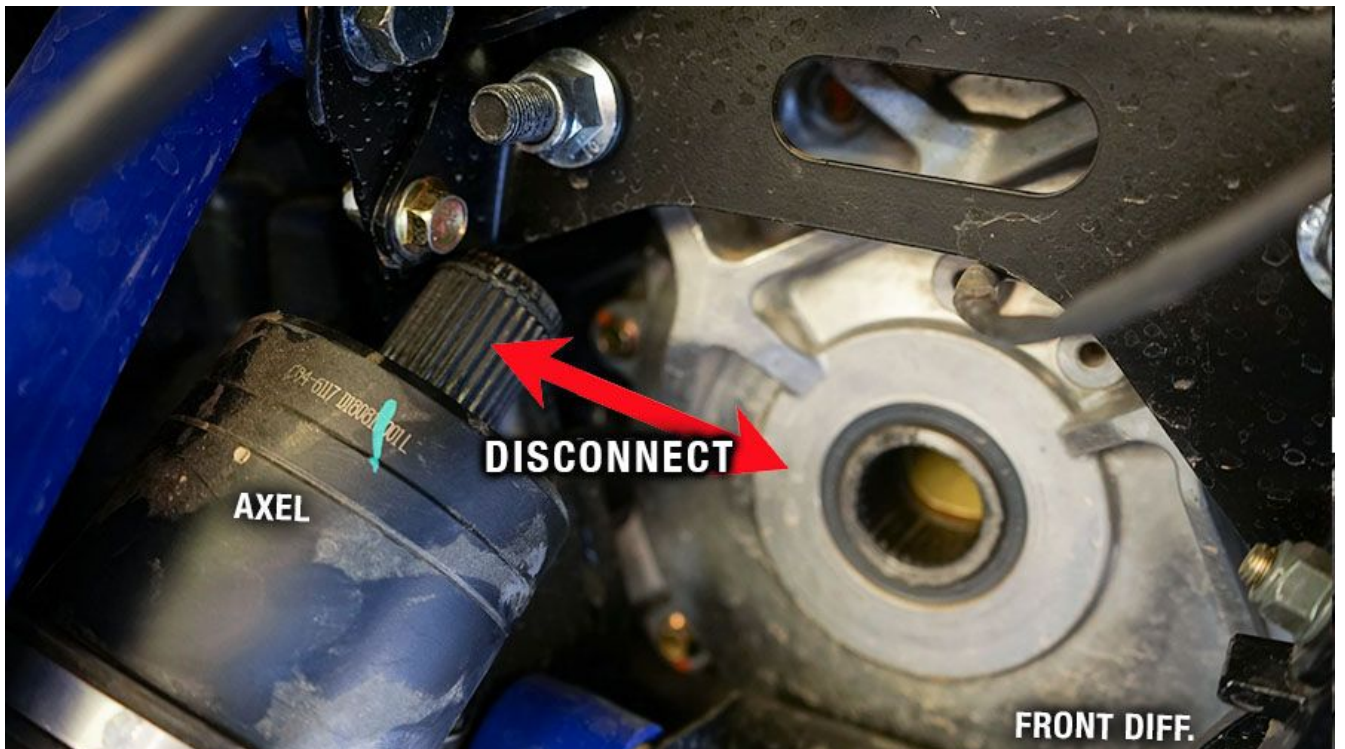




TURBO S FRONT DIFF. BEARING KIT INSTALLATION

6

DISCONNECT UPPER A-ARM FROM TOP SPINDLES

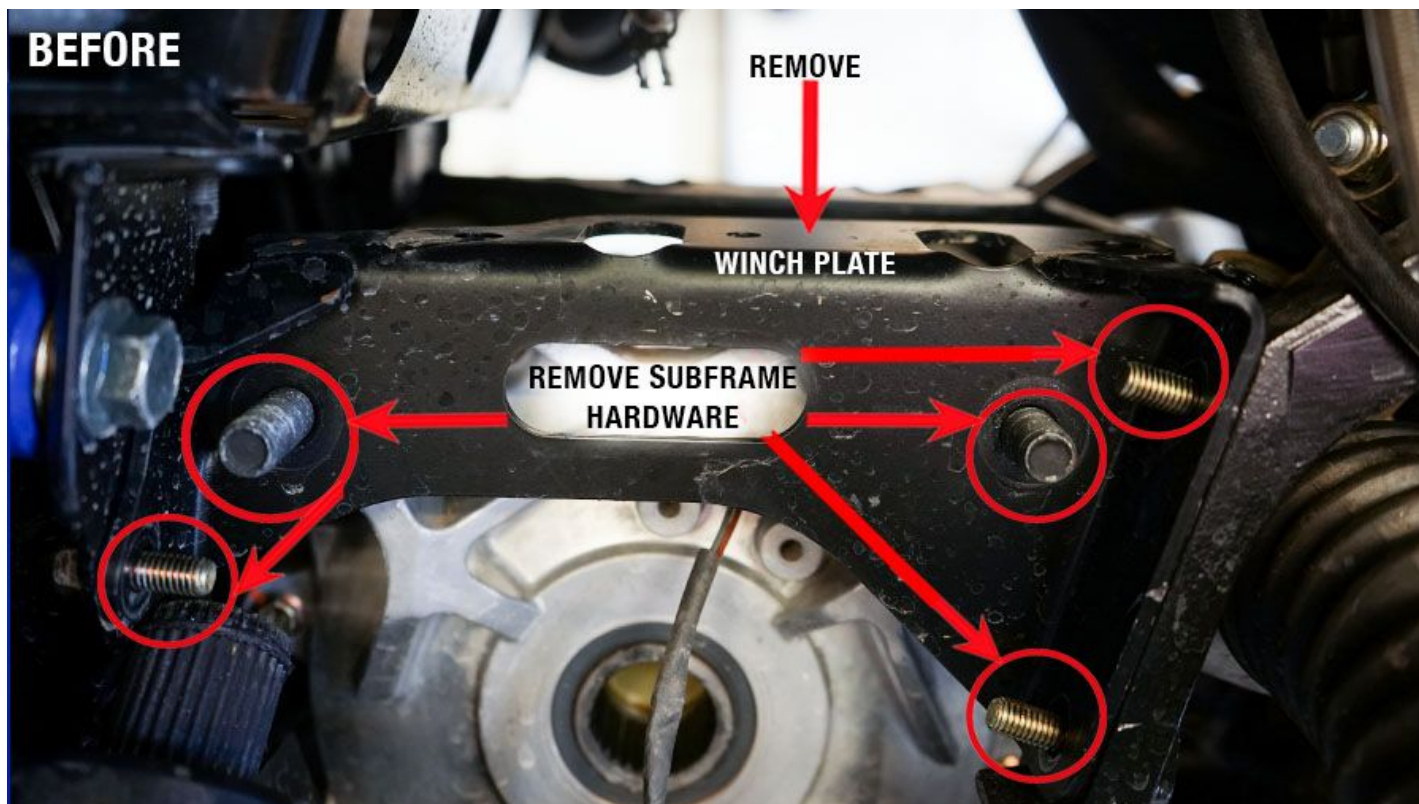


TURBO S FRONT DIFF. BEARING KIT INSTALLATION

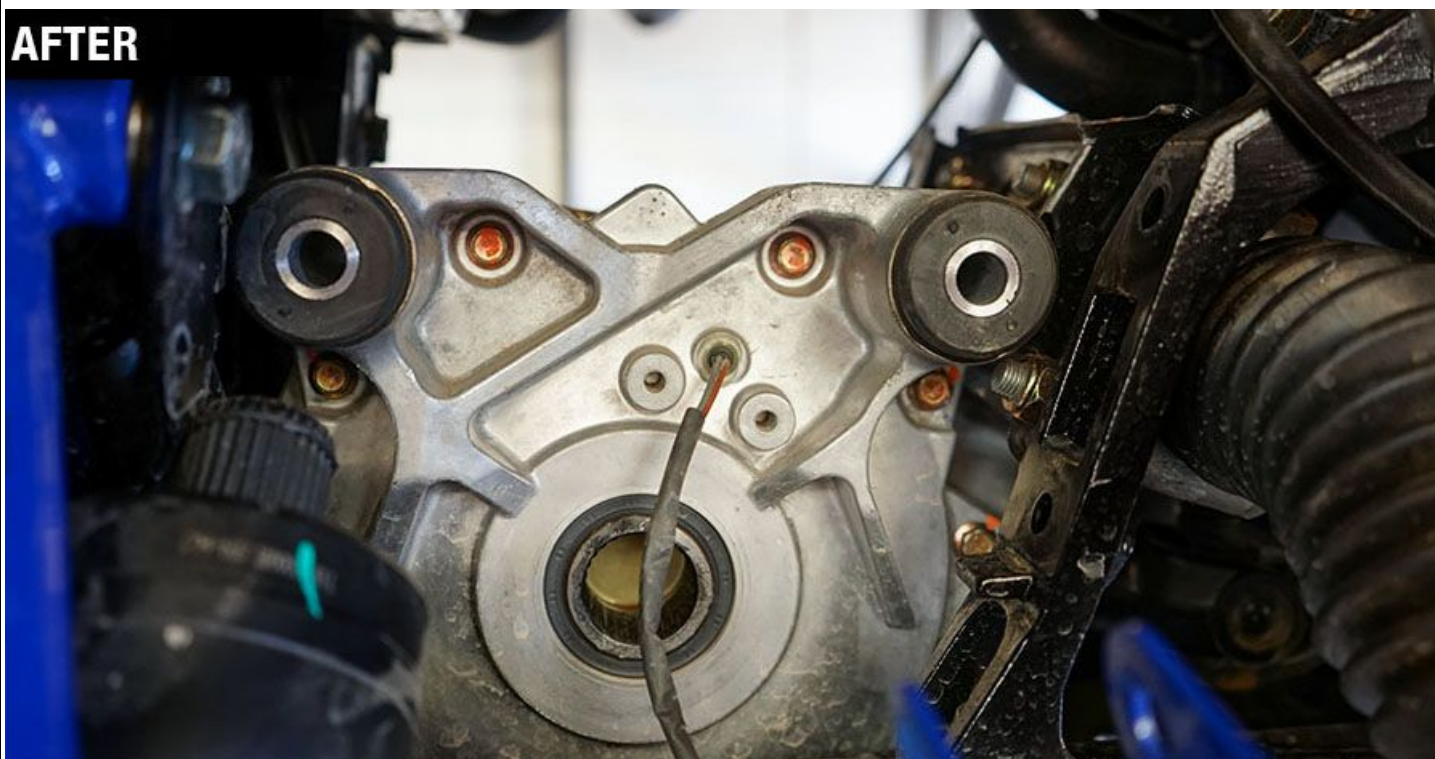
7

REMOVE WINCH PLATE AND DIFF SUBFRAME HARDWARE ON BOTH SIDES

BEFORE



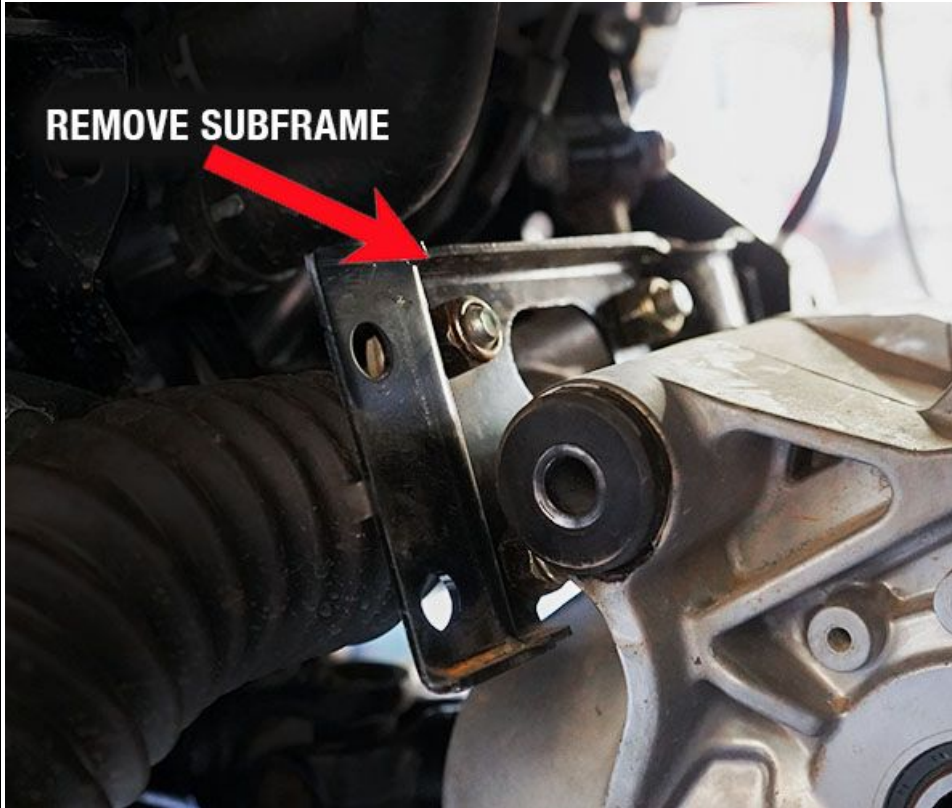
AFTER



TURBO S FRONT DIFF. BEARING KIT INSTALLATION

8

REMOVE SUBFRAME INCLUDING PASSENGER AND DRIVER SIDE PILLAR



9

REMOVE FRONT DIFF. FROM VEHICLE

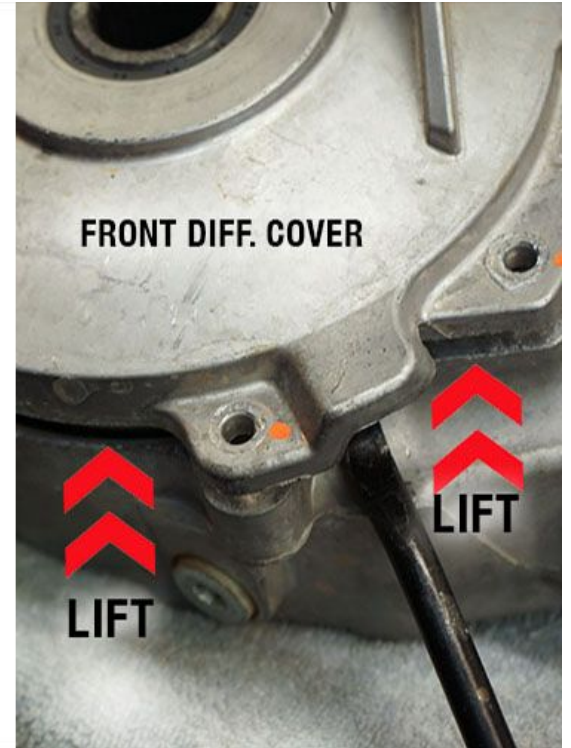
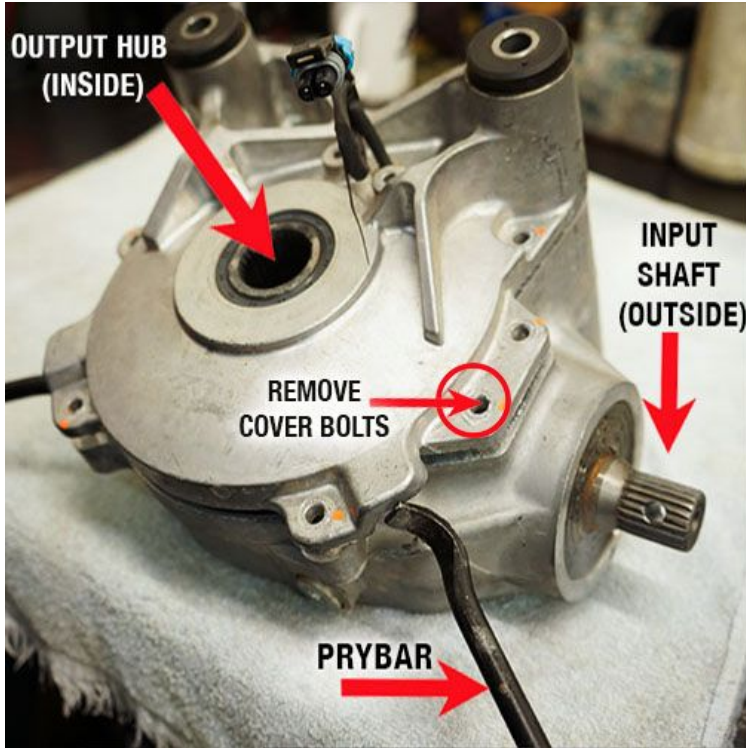




TURBO S FRONT DIFF. BEARING KIT INSTALLATION

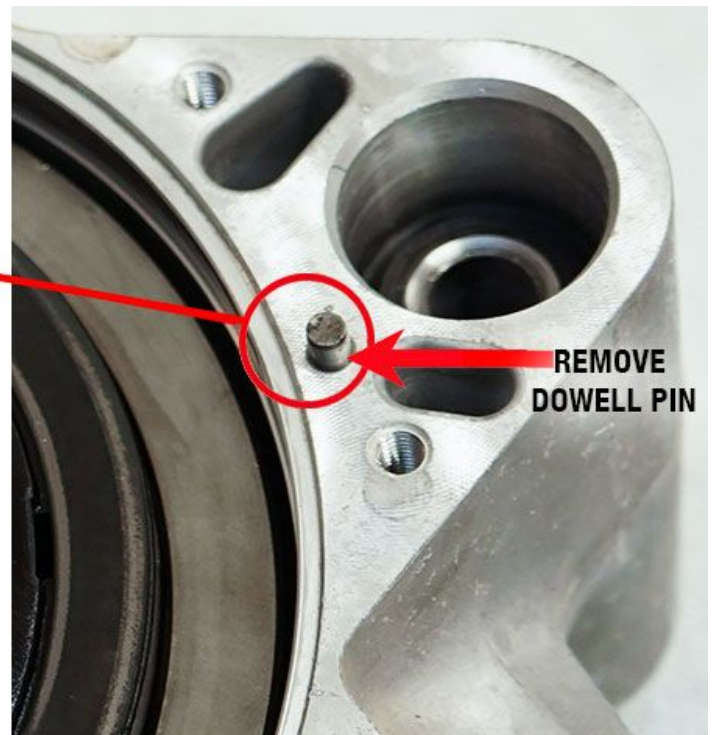
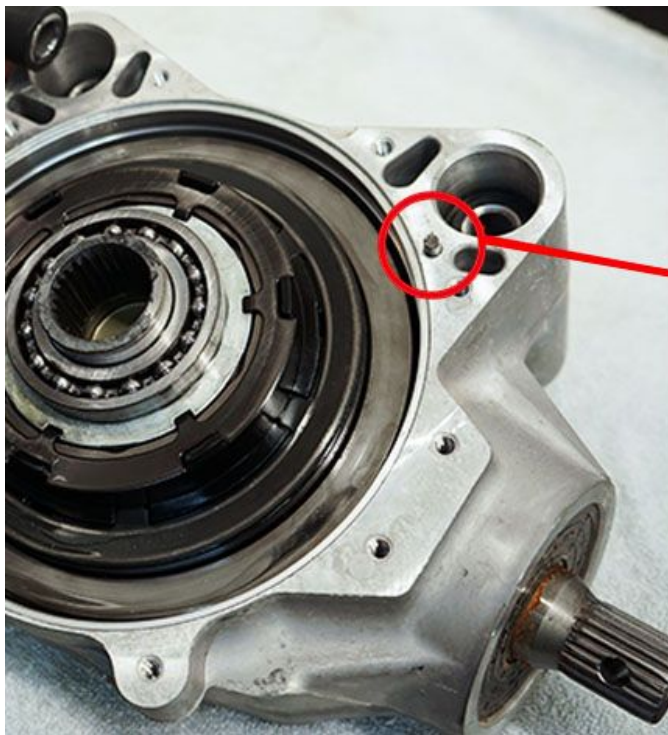
10

REMOVE DIFF COVER BOLTS AND GENTLY LIFT COVER AWAY FROM OUTPUT HUB



11

LOCATE AND REMOVE ALIGN DOWELL PIN & SAVE FOR LATER





TURBO S FRONT DIFF. BEARING KIT INSTALLATION

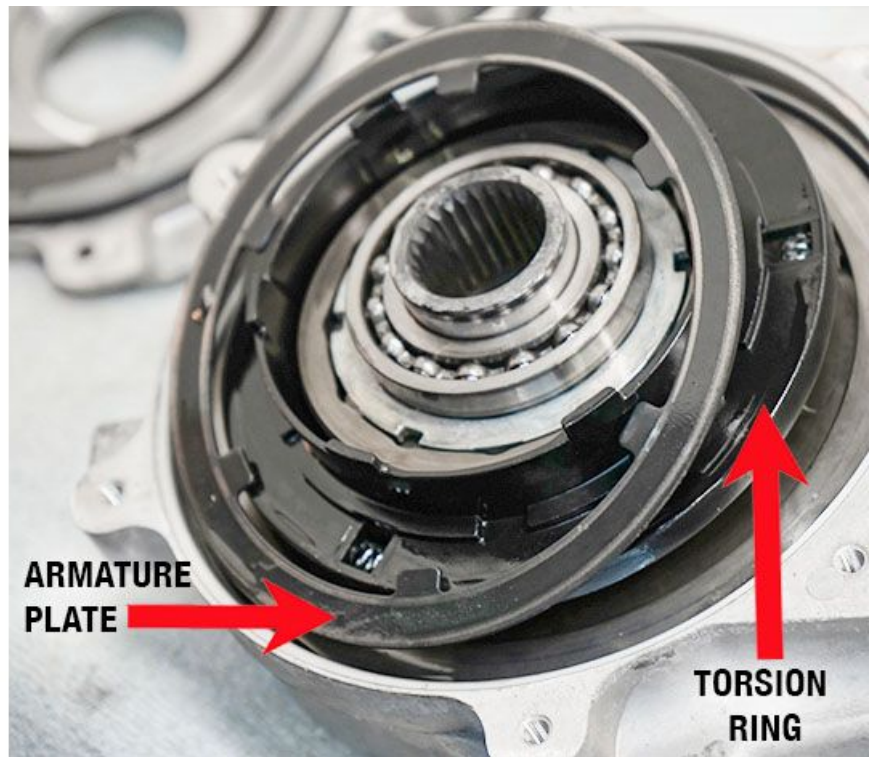
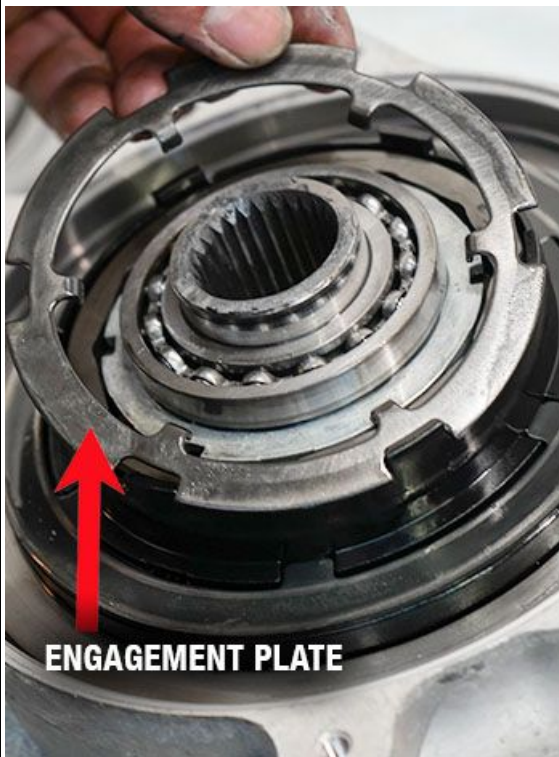
12

REMOVE HUB SEAL AND DISCARD



13

REMOVE ENGAGEMENT PLATE, ARMATURE PLATE, AND TORSION RING





TURBO S FRONT DIFF. BEARING KIT INSTALLATION

14

THEN REMOVE OUTPUT HUB



15

SLOWLY LIFT SPRAGUE WHILE WRAPPING RUBBER BANDS OR ZIPTIES AROUND ROLLERS





TURBO S FRONT DIFF. BEARING KIT INSTALLATION

16

REMOVE RING GEAR



17

REMOVE PASSENGER SIDE OUTPUT HUB AND SEAL



TURBO S FRONT DIFF. BEARING KIT INSTALLATION

18

REMOVE PINION SEAL



19

THEN REMOVE HOUSING SNAP RING

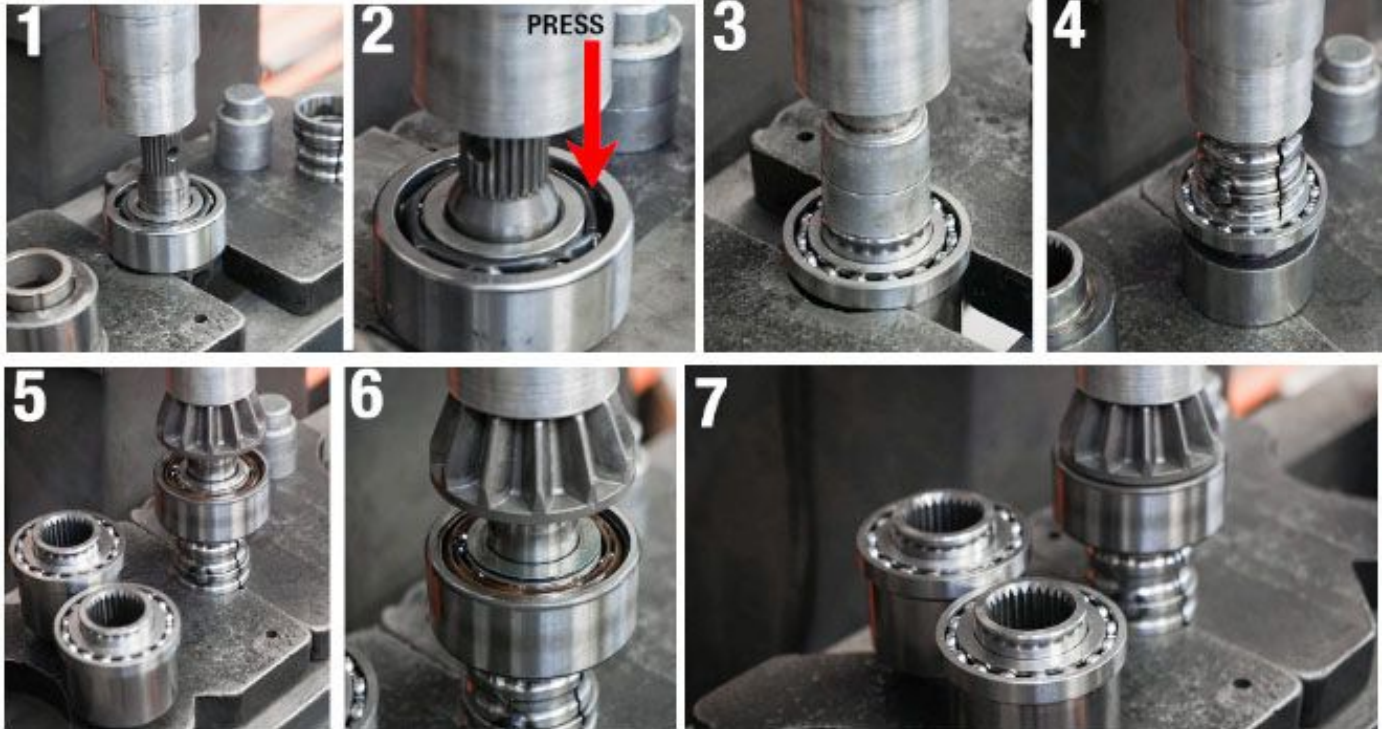




TURBO S FRONT DIFF. BEARING KIT INSTALLATION

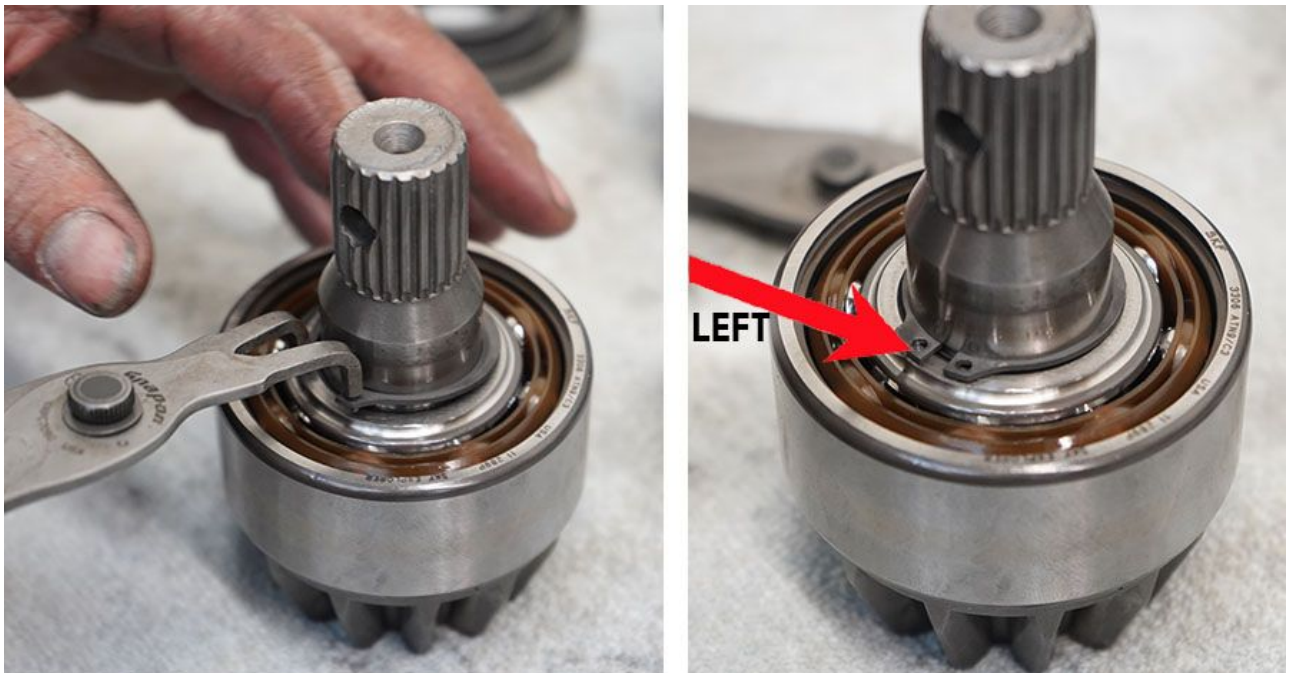
20

REMOVE OLD BEARING AND PRESS ON NEW BEARINGS IN RESPECTIVE LOCATIONS



21

INSTAL SNAP RING. THE LARGE TANG GOES ON THE LEFT





TURBO S FRONT DIFF. BEARING KIT INSTALLATION

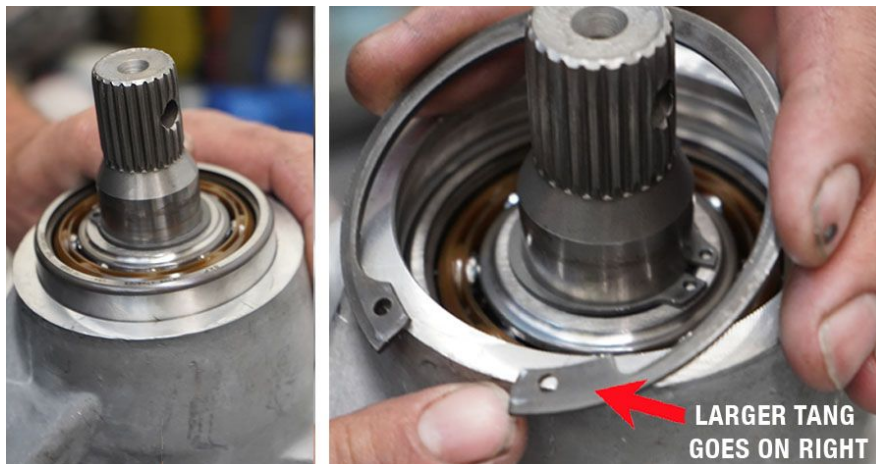
22

WITH ALL PARTS CLEANED, INSTALL MAIN HUB SEAL



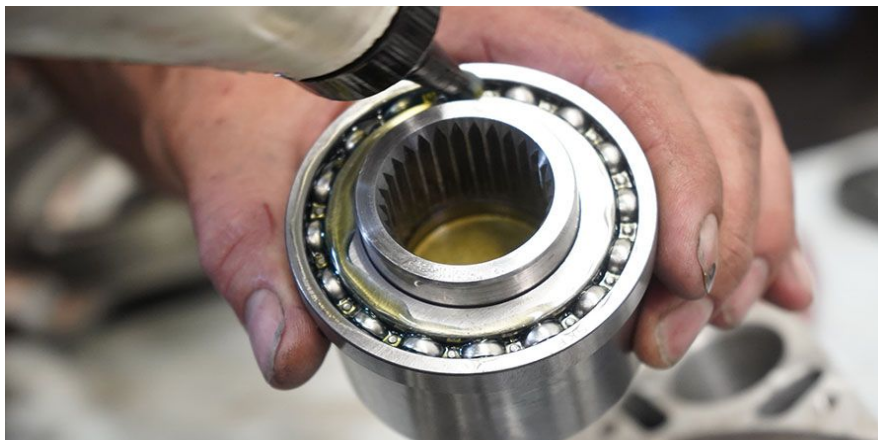
23

INSTALL PINION SUB ASSEMBLY WITH SNAP RING. THE LARGER TANG GOES ON THE RIGHT



24

INSTALL PASSENGER HUB WITH ASSEMBLY LUBE





TURBO S FRONT DIFF. BEARING KIT INSTALLATION

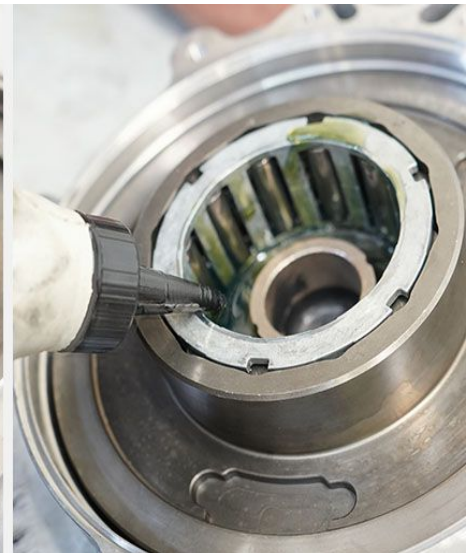
25

INSTALL RING GEAR WITH SILENCER RING



26

INSTALL HUB AND SPRAGUE WITH ASSEMBLY LUBE



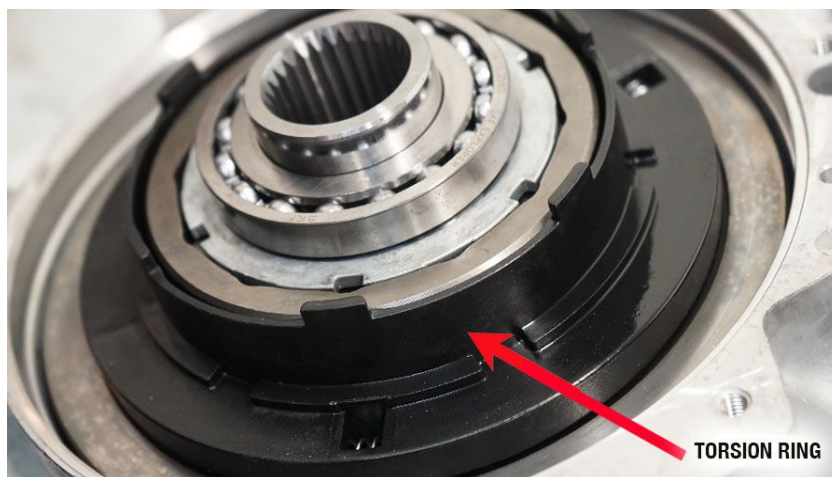


TURBO S FRONT DIFF. BEARING KIT INSTALLATION

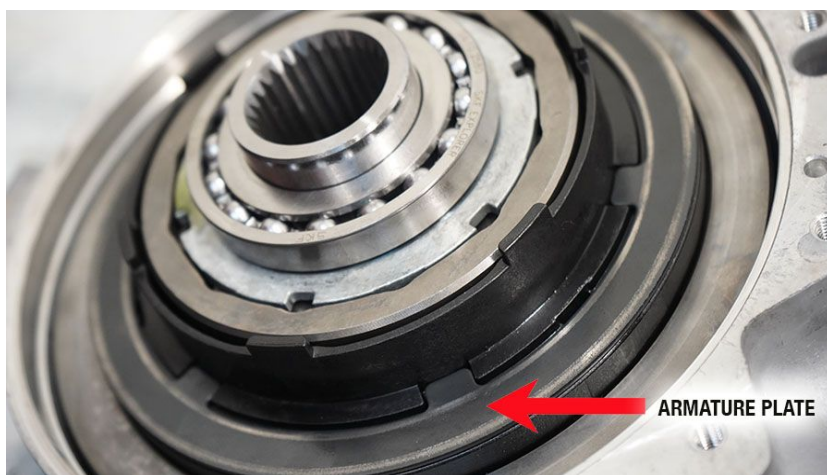
27	INSTALL DRIVER SIDE HUB
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28	INSTALL TORSION RING
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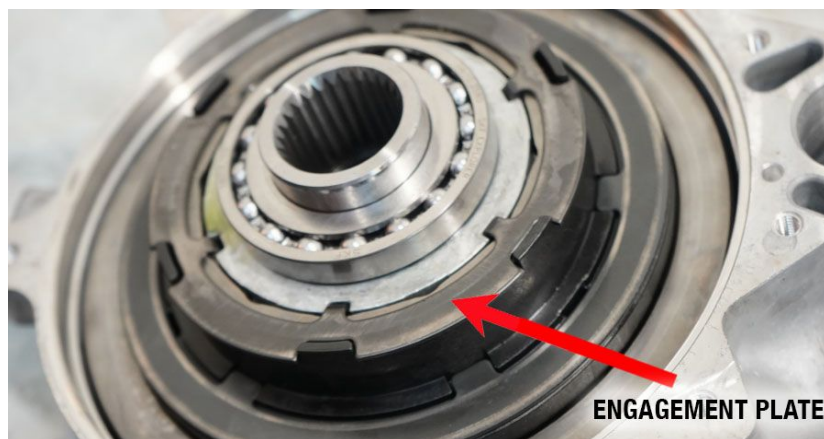
29	INSTALL ARMATURE PLATE
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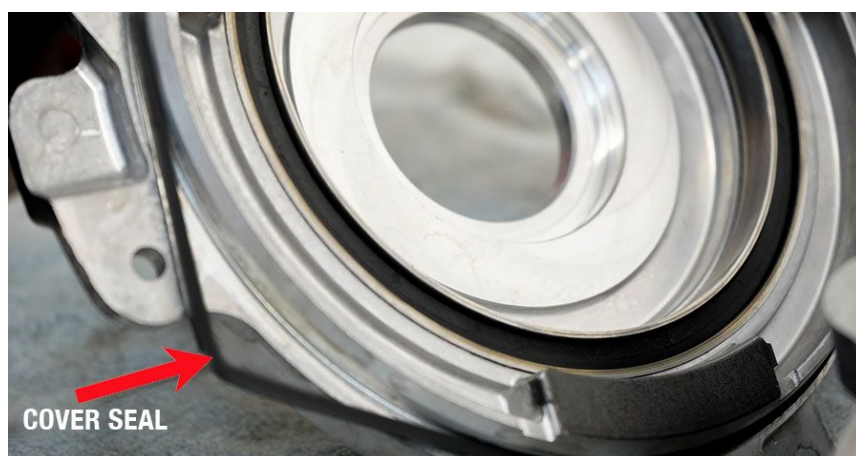


TURBO S FRONT DIFF. BEARING KIT INSTALLATION

30	INSTALL ENGAGEMENT PLATE
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31	INSTAL LARGE SQUARE CUT COVER SEAL AND DRIVERS SIDE COVER SEAL
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32	THEN INSTAL HUB SEAL ON DRIVERS SIDE
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TURBO S FRONT DIFF. BEARING KIT INSTALLATION

33

ADD ASSEMBLY LUBE, THEN INSTALL ALIGNMENT DOWELL PIN AND SIDE COVER



34

INSTALL SIDE COVER BOLTS IN A STAR PATTERN

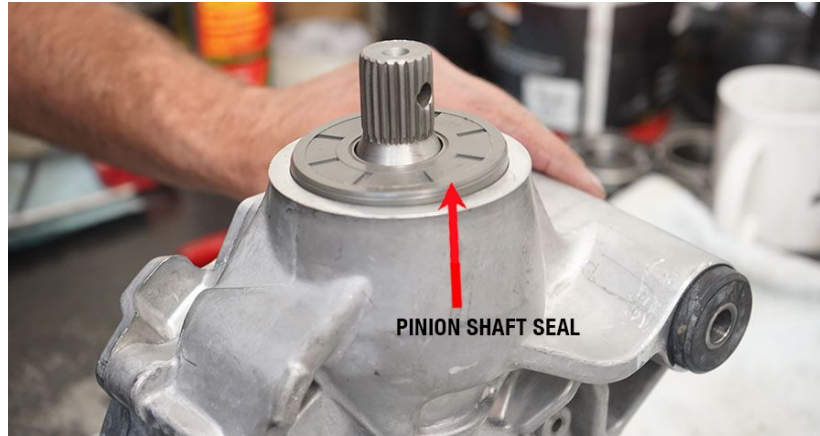




TURBO S FRONT DIFF. BEARING KIT INSTALLATION

35

INSTALL PINION SHAFT SEAL



36

LET DIFF BE FILLED WITH 250 ML OF OIL ON BENCH AS TIME SAVER, BEFORE INSTALLING IT BACK INTO VEHICLE AND CAP VENT



37

ONCE FRONT DIFF. IS INSTALLED, REINSTALL SUBFRAME INCLUDING PASSENGER & DRIVER SIDE PILLARS



TURBO S FRONT DIFF. BEARING KIT INSTALLATION

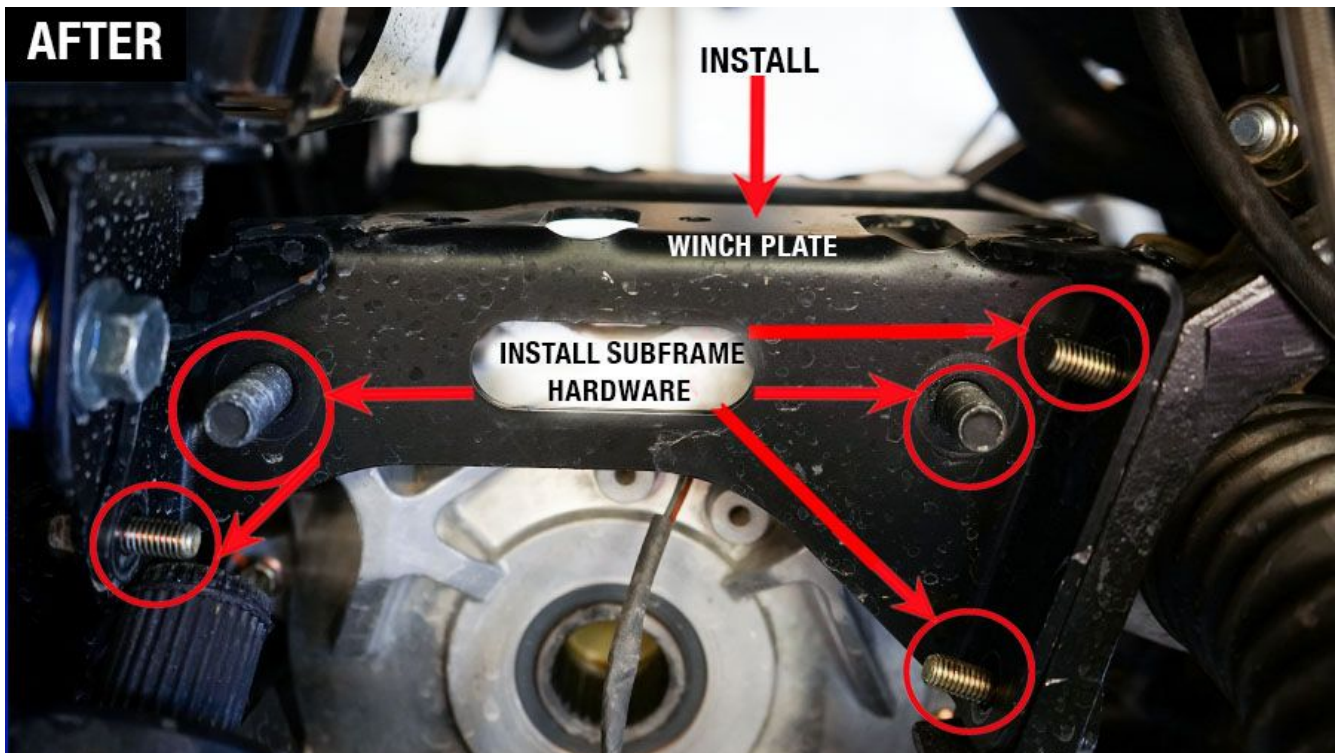
38

REINSTALL WINCH PLATE AND DIFF SUBFRAME HARDWARE

BEFORE



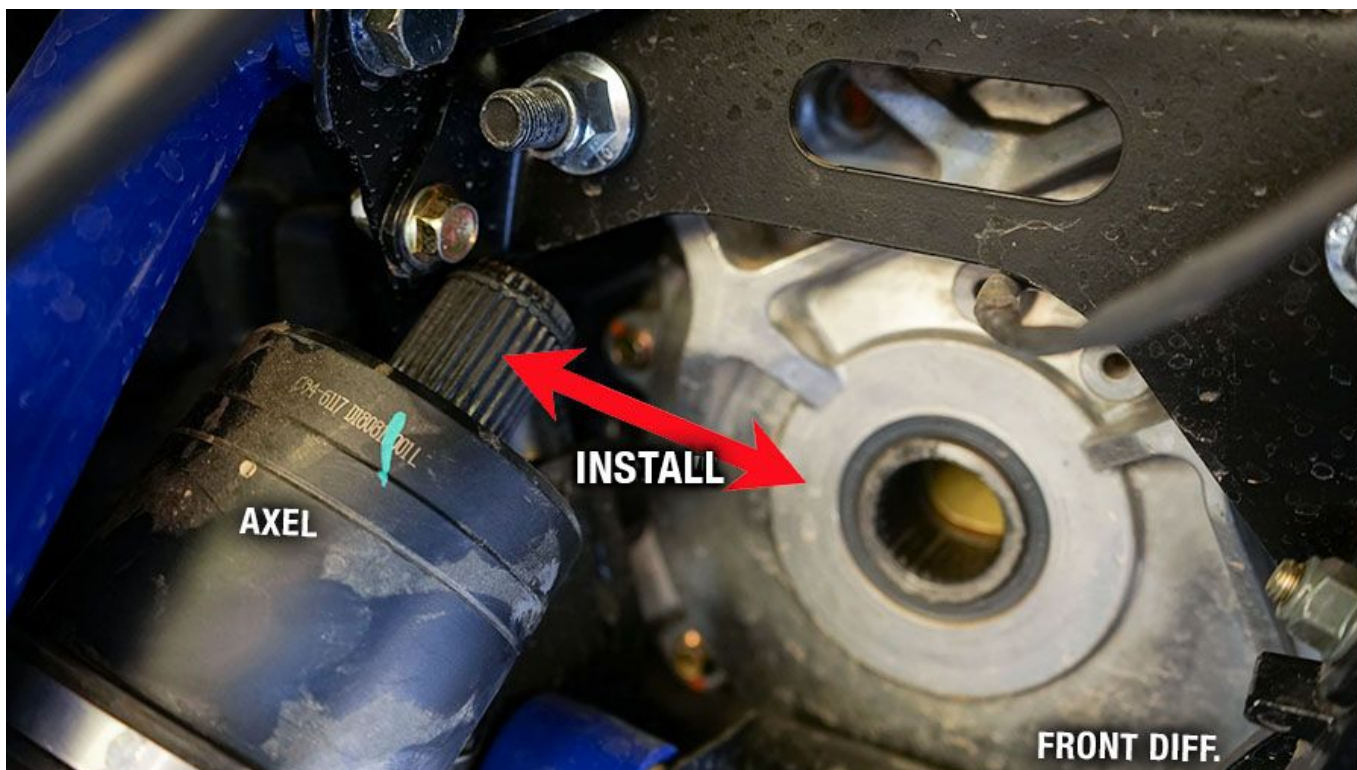
AFTER



TURBO S FRONT DIFF. BEARING KIT INSTALLATION

39

INSTALL UPPER A-ARM





TURBO S FRONT DIFF. BEARING KIT INSTALLATION

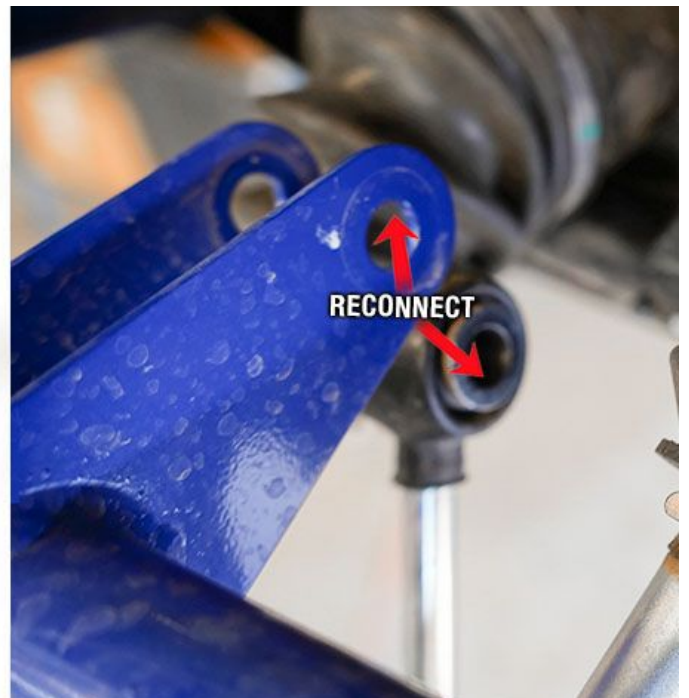
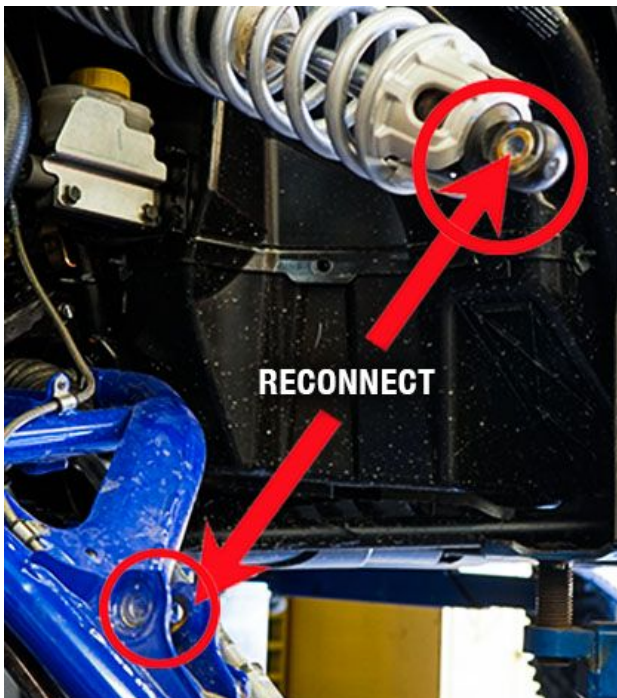
40

REINSTALL ELECTRICAL & VENT HOSE FROM DIFF BRACKET



41

RECONNECT SHOCK & SWAY BAR FROM UPPER ARM ON BOTH SIDES

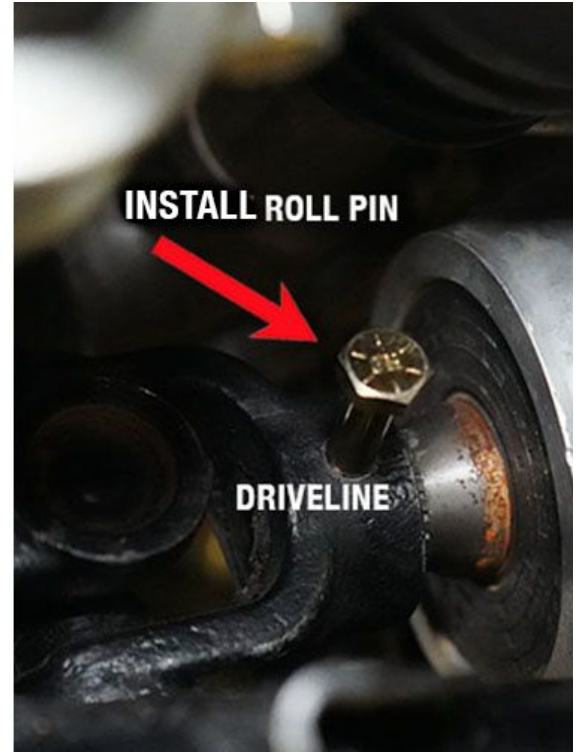




TURBO S FRONT DIFF. BEARING KIT INSTALLATION

42

INSTALL ROLL PIN FROM DRIVELINE



43

INSTALL TIRES BACK ON THE FRONT PASSENGER AND DRIVER SIDE & LOWER VEHICLE

44

DOUBLE CHECK ALL STEPS & RIDE SAFELY