

# ***INSTALLATION GUIDE***

## ***DOWNPIPE 900 ACE TURBO / TURBO-R***

### ***DIFFICULTY LEVEL AND INSTALLATION TIME***

***DIFFICULTY LEVEL:***  
***INTERMEDIATE***

***TIME ESTIMATED:***  
***1H15-1H30***

### ***RECOMMENDED TOOLS***

- ***RATCHET***
- ***IMPACT DRIVER (OPTIONAL)***
- ***10 AND 13 MM SOCKET***
- ***22 MM WRENCH***
- ***TORX T-25 (OR OEM BRP TOOL)***
- ***CUTTER***
- ***DRILL \*\* 900 ACE TURBO 2019-2021\*\****
- ***2 INCHES BI-METAL HOLE SAW \*\* 900 ACE TURBO 2019-2021\*\****
- ***MAGNETIC PICK-UP TOOL \*\* 900 ACE TURBO 2019-2021\*\****



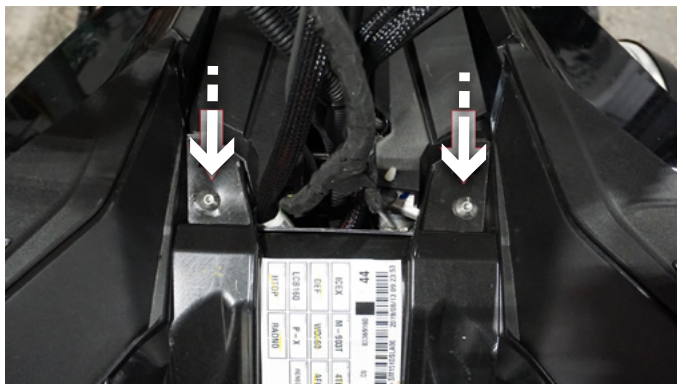
**1**  
*UNPLUG THE BATTERY*



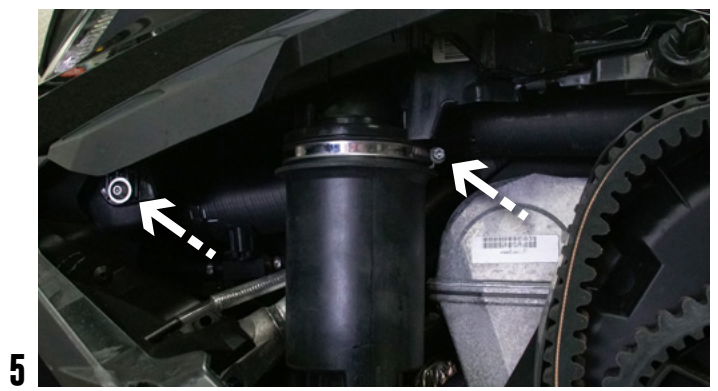
**2**  
*REMOVE BOTH SIDE PANELS.*



**3**  
*UNPLUG AND REMOVE THE INSTRUMENT PANEL*



**4**  
*UNPLUG THE LIGHT CONNECTOR AND REMOVE HOOD BOLT.*



**5**  
*LOOSE THE AIR INTAKE TUBE CLAMP AND REMOVE THE HOOD*



**6**  
*REMOVE THE SIDE PANEL BOLT.*





**1** MARK THE SPRINGS SIDE FOR EASIER REINSTALLATION THEN REMOVE THE SPRINGS FROM THE MUFFLER SIDE.



**2** DO NOT REMOVE THE SPRINGS FROM THE TURBO SIDE



**3** REMOVE THE MUFFLER BOLT AND SPRING



**4** REMOVE THE MUFFLER



**5** REMOVE THE TY-RAP WHICH HOLD THE OXYGEN SENSOR WIRES



**6** UNPLUG THE SENSOR CONNECTOR





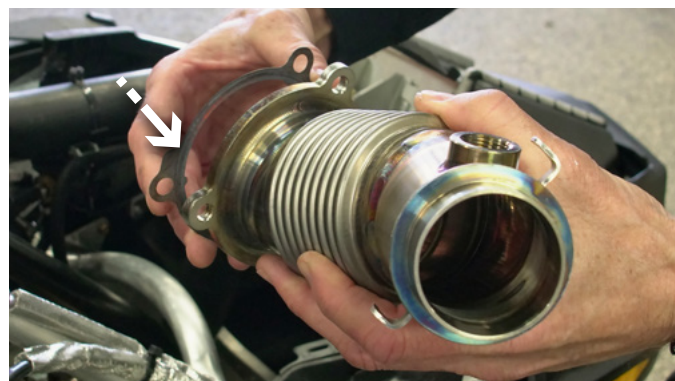
**7** REMOVE THE SENSOR, BE SURE TO NOT TWIST THE WIRES



**8** REMOVE THE BOLTS FROM THE DOWNPIPE



**9** REMOVE THE COMPLETE DOWNPIPE, SPRING AND FLANGE.



**10** REUSE THE METAL GASKET WITH THE SMALL SQUARE PART BACKWARDS AND UPWARDS (SEE ARROW)



**11** GENTLY LUBRICATE THE 3 DOWNPIPE BOLTS



**12** INSTALL THE PRECISION EFI DOWNPIPE, TORQUE FIRST AT 15 NM AND A LAST TIME TO 37 NM





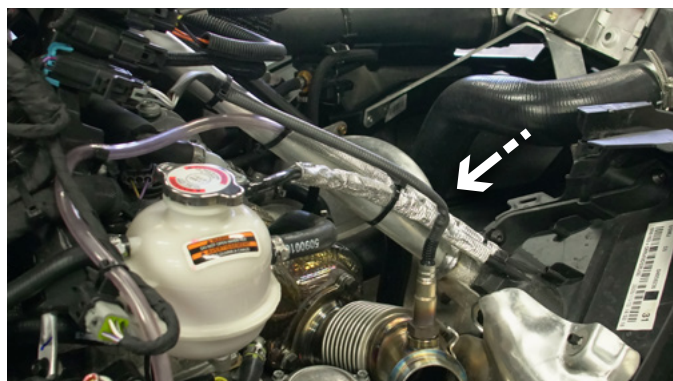
**13**  
*INSTALL THE SENSOR ON THE DOWNPIPE*



**14**  
*PLUG THE SENSOR CONNECTOR TO IS ORIGINAL LOCATION*



**15**  
*FIX THE WIRE WITH 2 TY-RAP*



**16**  
*VERY IMPORTANT TO LEAVE A WIRE FREE PLAY ON THE SENSOR SIDE*



**17**  
*REUSE THE ORIGINAL LEAD SEAL*



**18**  
*REMOVE THE PUSH PIN WHICH RETAINS THE HEAT SHIELD*





**19** SLIDE THE HEAT SHIELD OUTWARDS TO ALLOW MORE SPACE



**20** BEND THE END OF THE HEAT SHIELD TO PREVENT IT FROM COMING INTO CONTACT WITH THE DOWNPIPE AND REINSTALL IT IN PLACE WITH THE PUSH PIN

**\*\* DO NOT DRILL; 900 ACE TURBO-R / MACH Z\*\***



**21** AN EXAMPLE OF THE HEAT SHIELD ASJUSTEMENT WICH IS NO LONGER IN CONTACT WITH THE DOWNPIPE.



**22** CUT THE MUFFLER INLET BAFFLE USING A 2 INCHES HOLE SAW. IF THE PEACE FALLS INTO THE MUFFLER, REMOVE IT WITH A MAGNETIC PICK-UP TOOL



**21** INSTALL THE MUFFLER, THE SPRINGS, THE SIDE PANEL BOLT, THE HOOD (PLUG THE LIGHT CONNECTORS) AND THE INSTRUMENT PANEL.



**22** DON'T FORGET TO INSTALL THE AIR INTAKE TUBE, TO PLUG THE BATTERY AND TO INSTALL THE 2 SIDE UPPER PANELS