



FORD FIESTA ST 180 INTERCOOLER INSTALLATION



Tools needed:

T30 torx Drive

10mm socket and 3/8 ratchet with suitable extensions

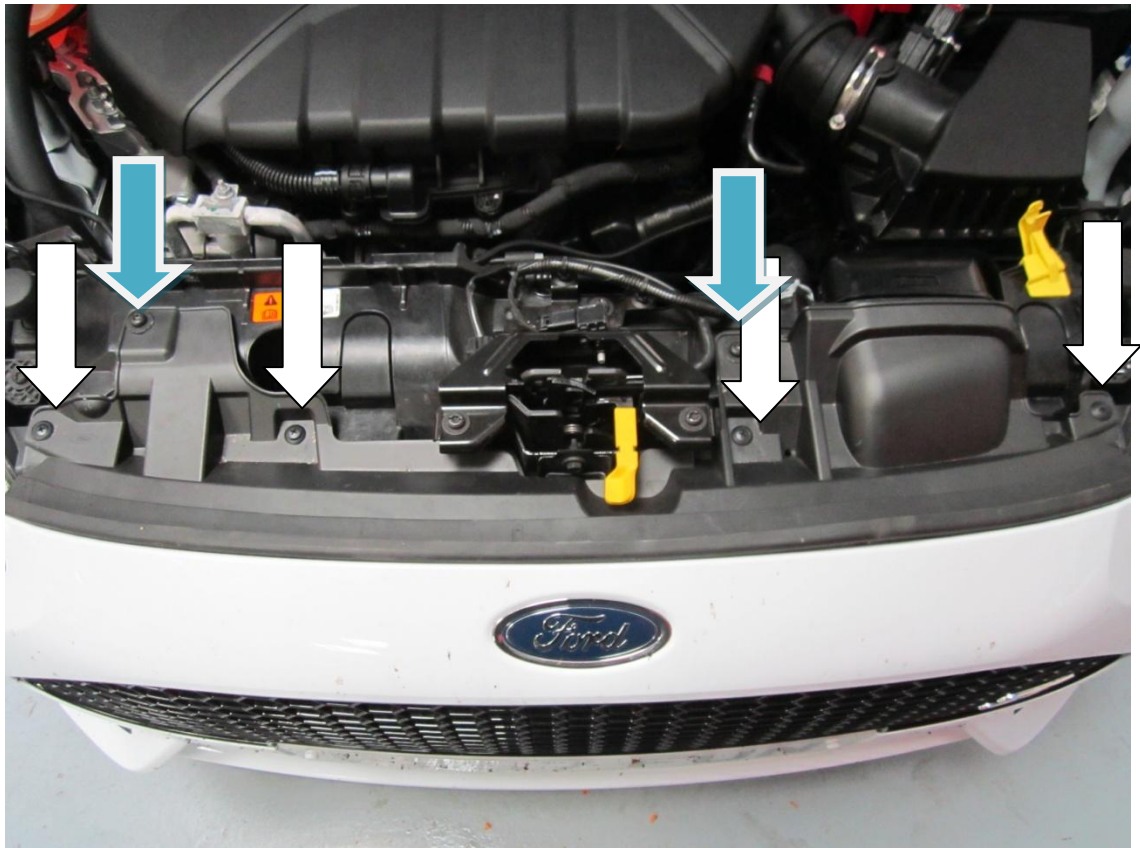
M6 allen key or allen socket

Positive drive screwdriver

Flat bladed screwdriver

Hose clamp driver

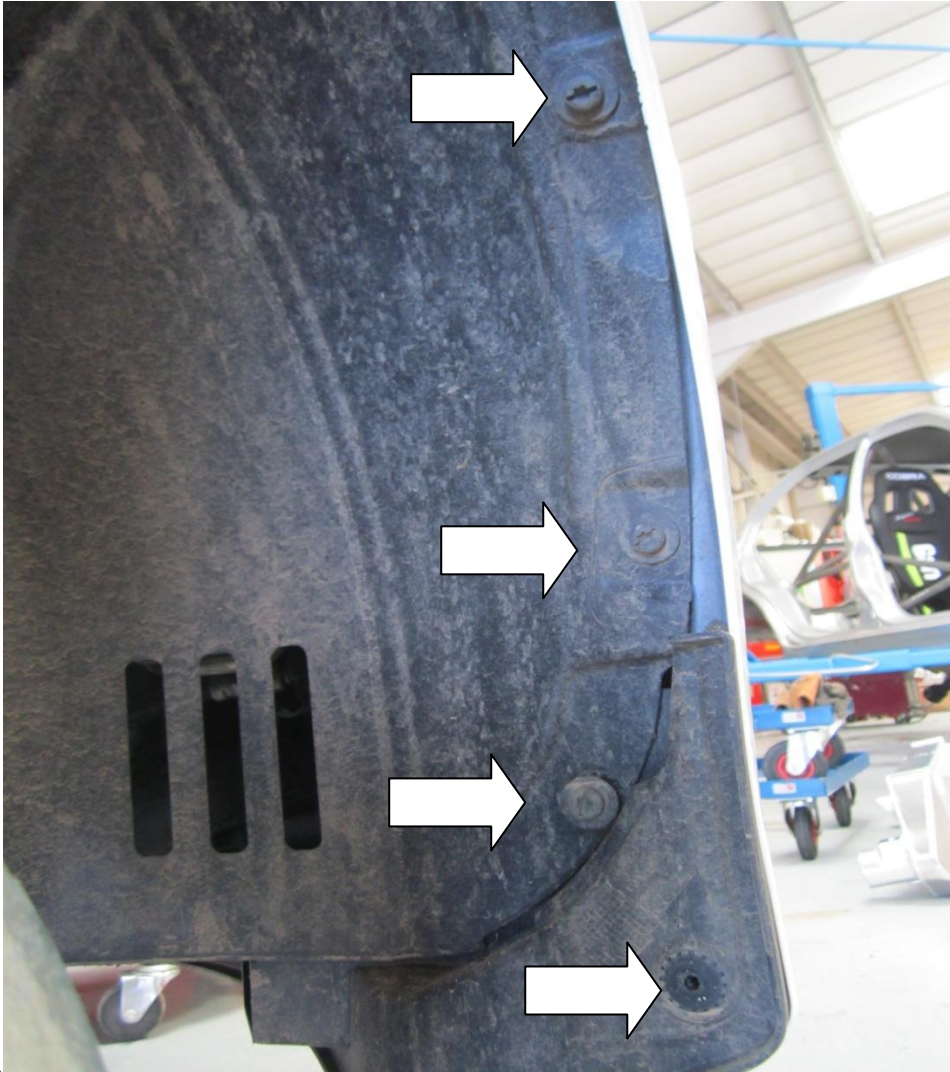
1. Park the car on level ground ,jack up the front of the car and support on axle stands now remove the front wheels.
2. Using your pozi drive screwdriver undo the fasteners located in your front slam panel.



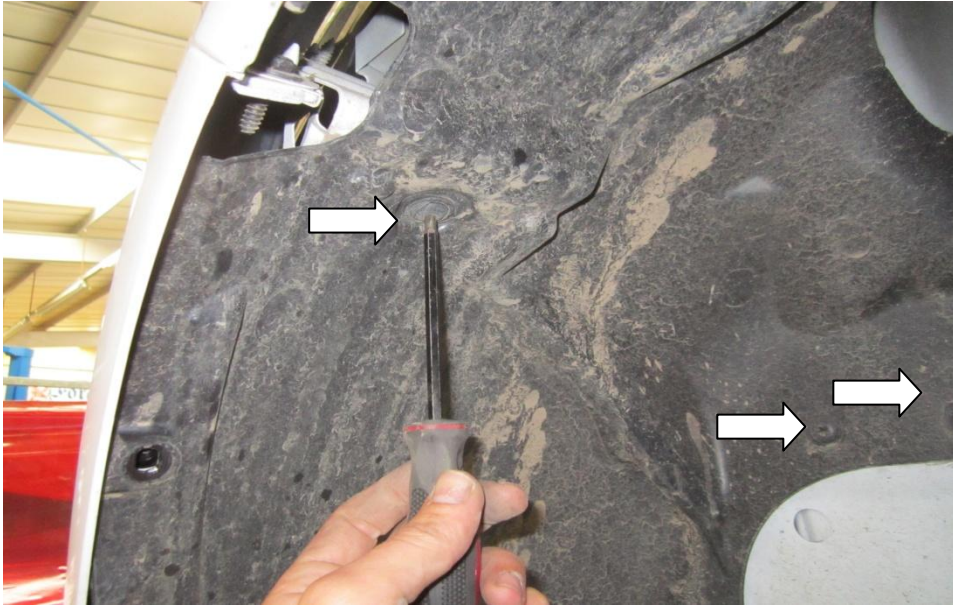
3. Using a flat headed screwdriver, or T30 torx drive, undo the two fasteners in line with the blue arrows.



4. Now move on to the fasteners located in the wheel arch, again using either a flat bladed screwdriver or a T30 torx drive. Undo all four fixings



5. You will also find three plastic fasteners these can be removed with a pozi drive screwdriver.



6. Pull back the arch liner; located at the inside of the bumper you will find three 10mm bolts that attach the bumper to the arch. We found it was best to use a 10mm swan neck spanner to loosen these then its best to use your fingers to remove .



7. Once removed, pull the bumper down to release the sides. Then repeat the steps four to six on the opposite arch



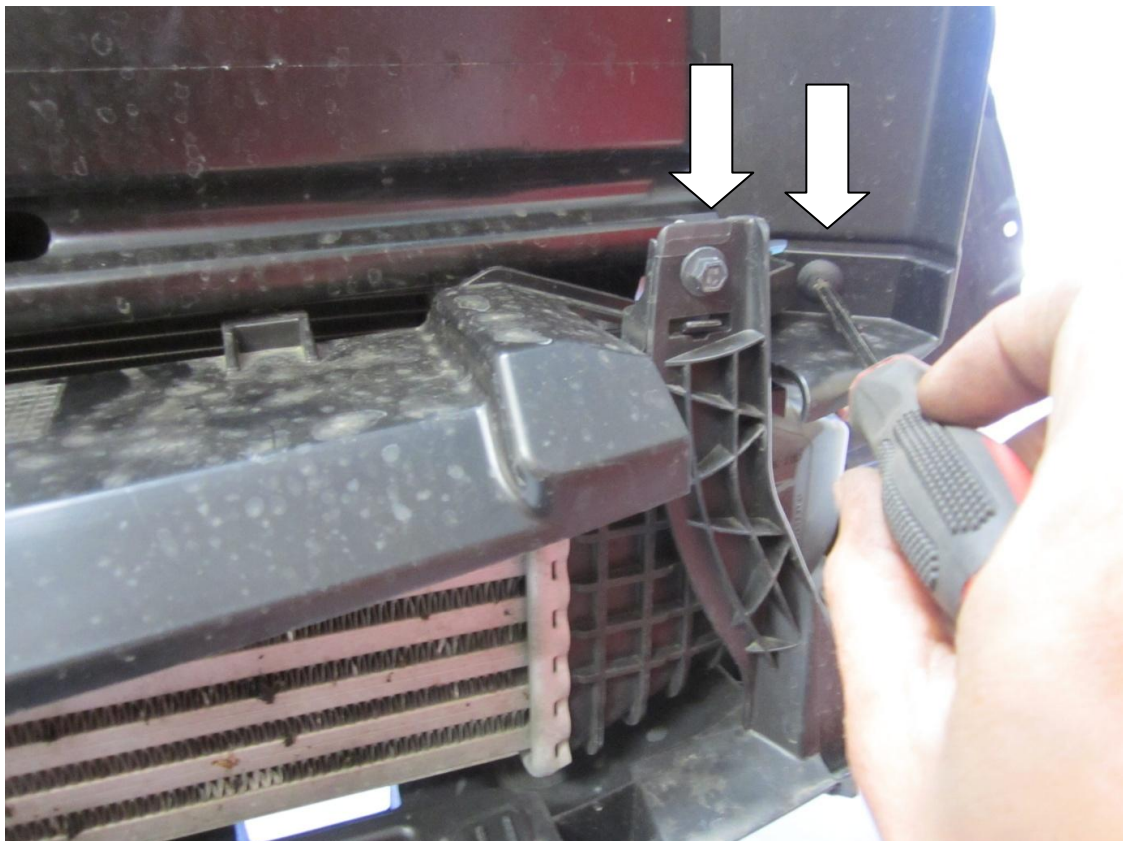
8. Two plastic fixings are on either side of the undertray. These will be found towards the rear of the undertray and must also be removed. Once these are removed carefully remove your bumper, you may want to ask for help from a friend as the fog lights will need disconnecting.



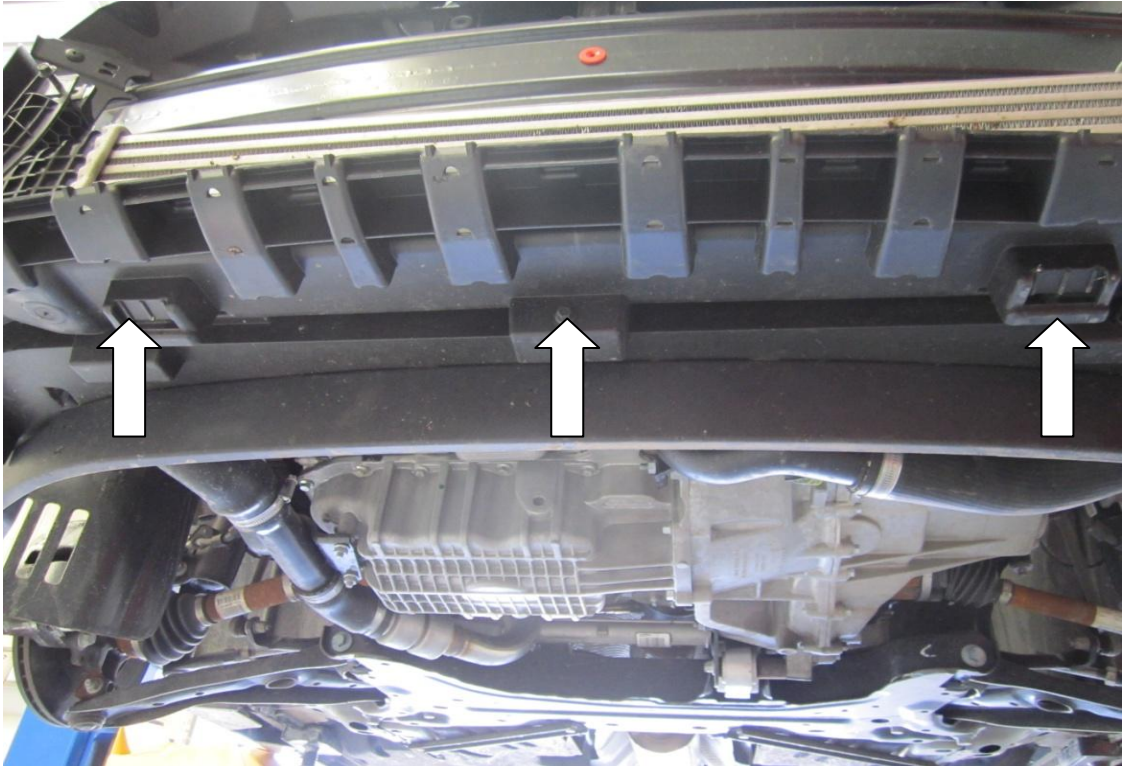
9. Now the bumper has been removed undo the jubilee clamps on either side of the intercooler.
10. Undo the top cooling duct using your T30 torx drive



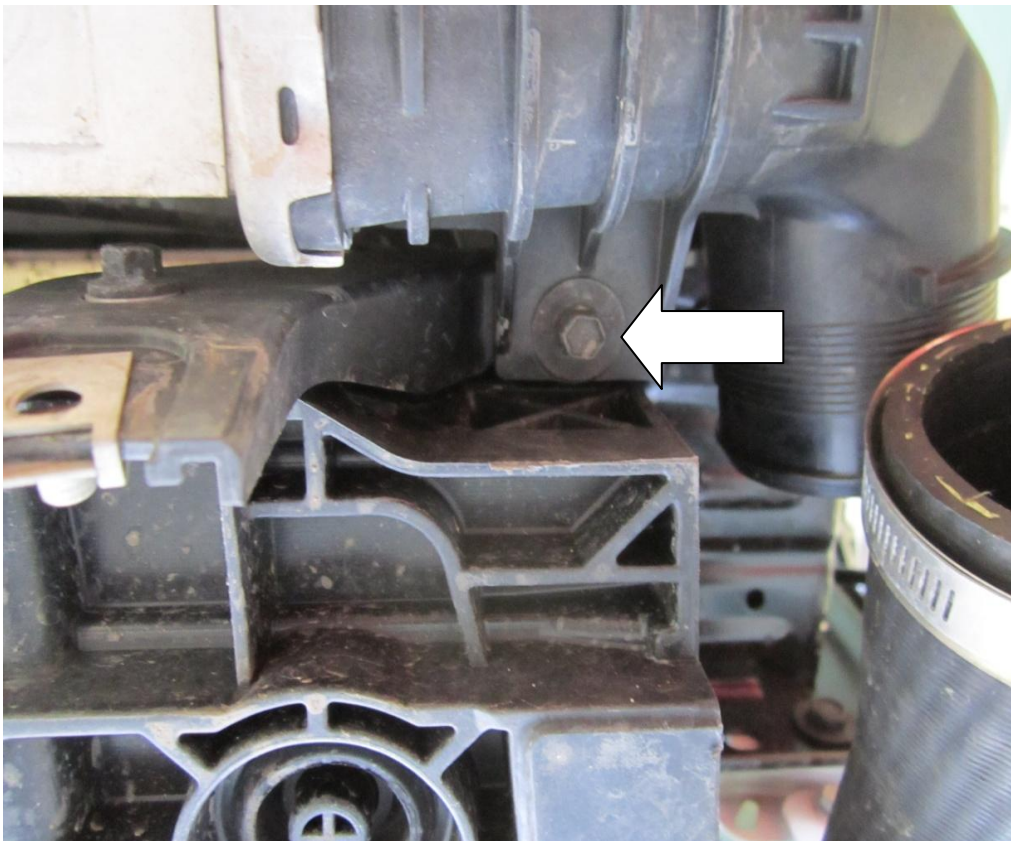
11. On each side of the top ducting there are two fasteners, use a m8 and pozi screwdriver to remove these



12. Now remove the lower ducting using an 8mm spanner on the three fasteners.



13. Undo the two fixings that mount the intercooler one on the left and one on the right. Use an 8mm socket and ratchet for this task. Slowly pull the intercooler towards you in a downward motion; your intercooler is now removed.



14. Remove this centre bracket from the lower ducting, it is no longer used with your new forge motorsport intercooler.

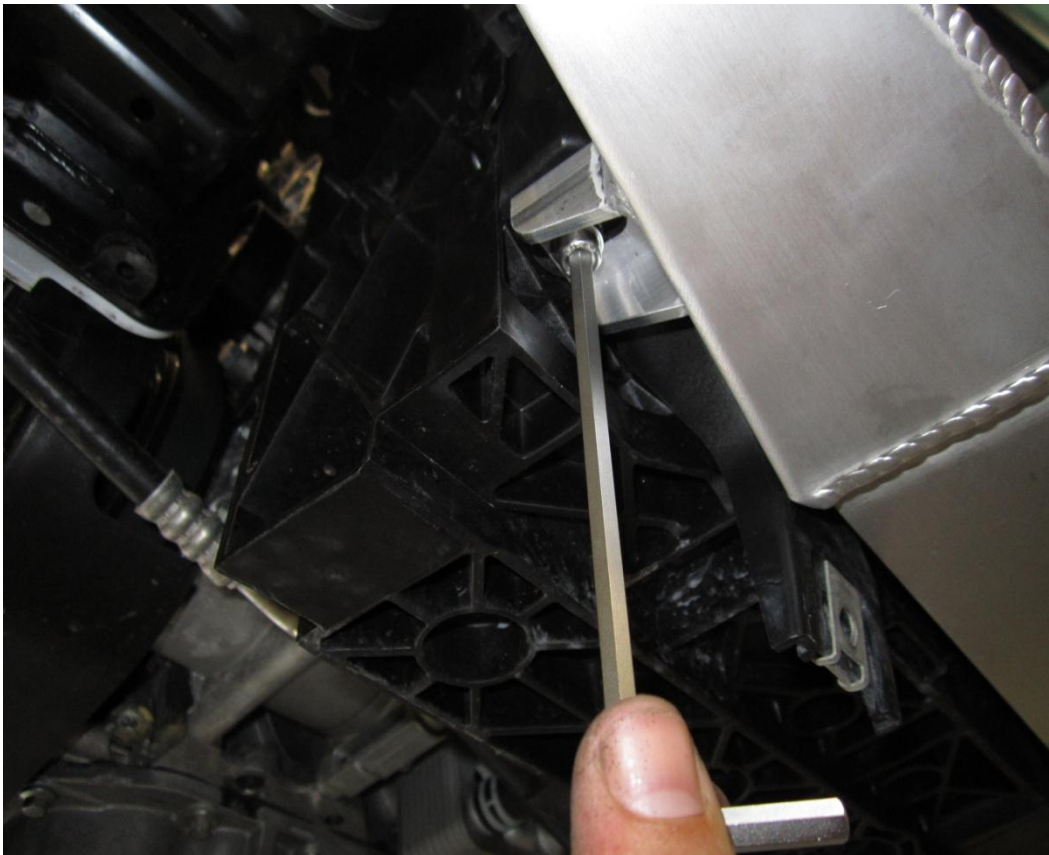


15. Remove these two fixings from the front cowling and replace with the two pan head m6 bolts provided in your forge intercooler kit

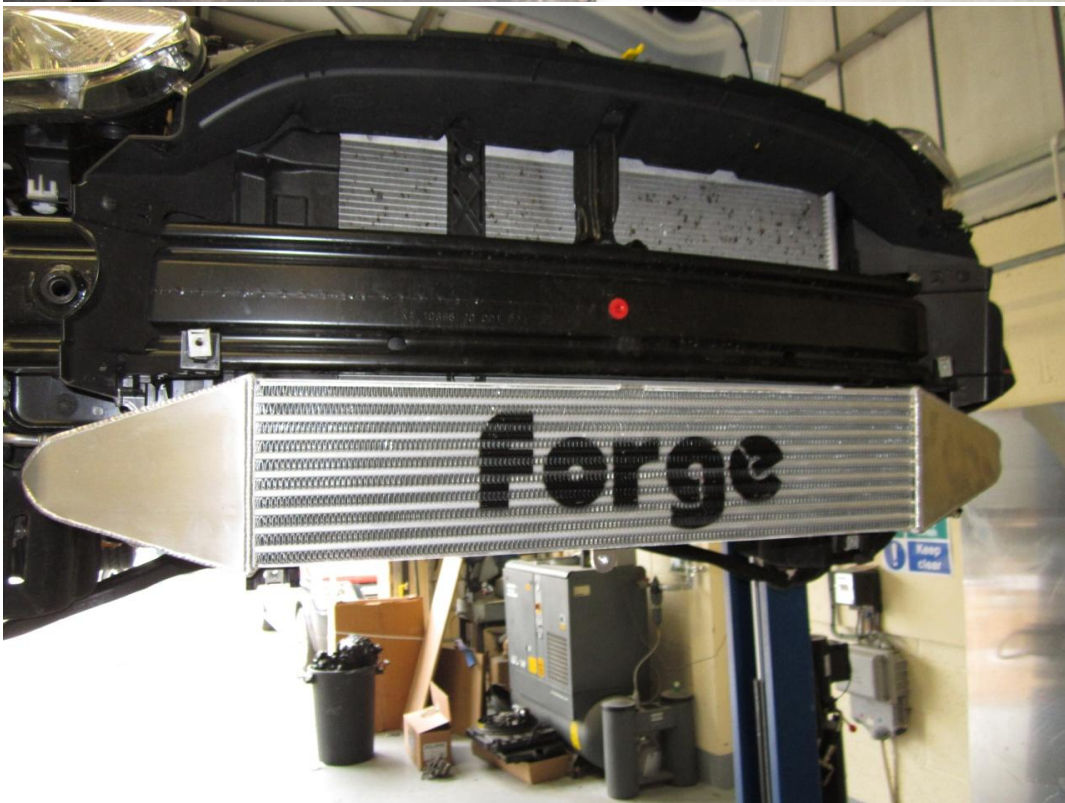




16. Now its time to fit your new forge motorsport intercooler. This is an oem fitting product, push your new intercooler into position then tighten the two m6 cap screws provided, and attach the hoses



17. The lower bracket on the bottom of the intercooler is to attach your undertray from where the bracket was removed in picture 14
18. Now trim down the clip on both sides of your bumper that hold your fog light bezel in place, this should be trimmed to at least half of its original size as shown.



19. Repeat steps 16 – 1 to reassemble your bumper and other components. We hope you enjoy your new found performance, please look at our other great performance enhancing products in our huge range of vehicle applications.



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