

MAC 1-5/8 in. Chrome Shorty Headers (11-14 V6)

I Required tools:

1. 10 mm wrench / socket
2. 13 mm wrench / socket
3. 15 mm wrench / socket
4. 17 mm wrench / socket
5. extension 2 inch, 4 inch or 8 inch
6. Floor jack
7. Jack stands

II Instruction

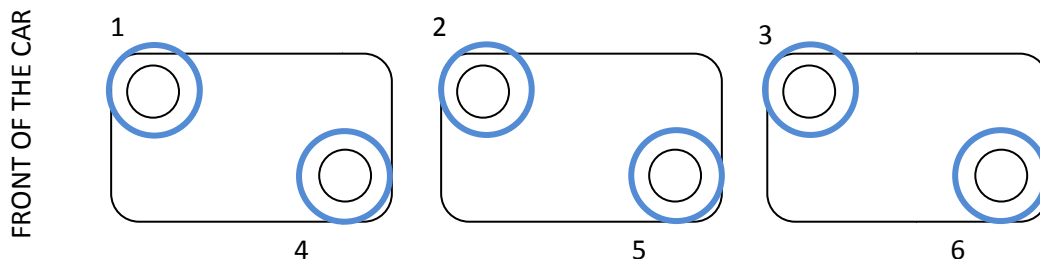
Safety first ! Do not start the job with hot engine !

Using floor jack raise the front of the car after for safety put the jack stands at the rear lift location.

1. Unscrew the heat shield nut using 8 mm socket/wrench.



2. Unscrew 6 nuts using 13 mm socket/wrench. 3 of them are hidden under like on the pattern below, to unscrew them use 3 inch extension.



After removing the nut, remove the screws that are in engine block using 13 mm socket/wrench. Remove only 4 of them, number" 1; 2; 3; 5. Number 4 and 6 will help You with headers gasket and pre-assembly of the new MAC headers.

3. Go under the car and support with a floor jack the stock X-pipe.

4. Unscrew the nut holding the axle back pipes and stock X-pipe using 15 mm socket/wrench.



5. Unscrew the nuts using 15 mm socket/wrench, two 4 inch extension or one 8 inch extension and swivel.



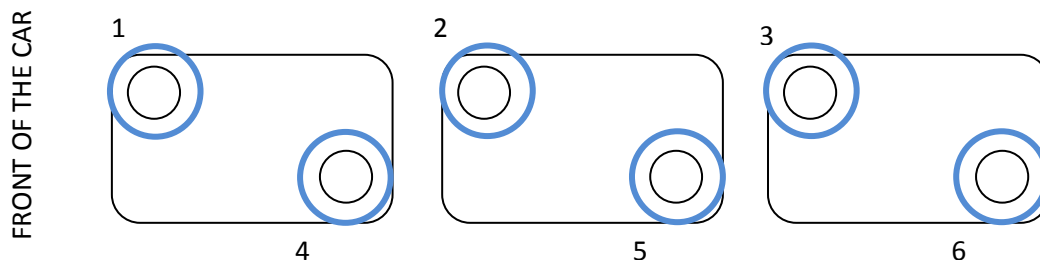
6. Your stock headers are free!

7. Push the stock X-pipe with catalytic converters to the rear of the car, that will help You to install and connect new MAC Shorty Headers.

8. Install new MAC Shorty Headers using bolts included in the kit.

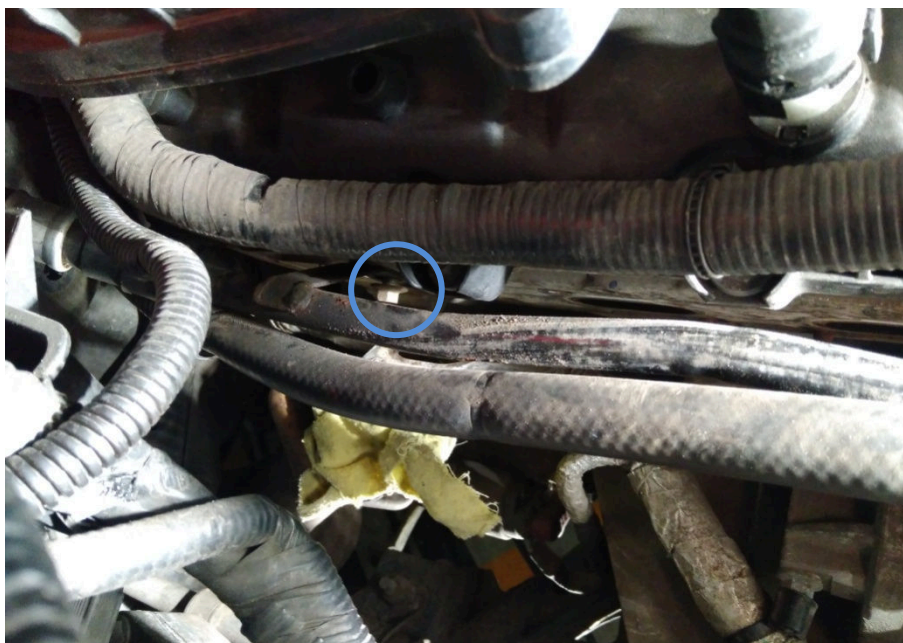


The pattern is the same.



9. Push stock X-pipe with catalytic converters to the front of the car and connect them to the MAC Shorty Headers using bolts included in the kit and 17 mm socket/wrench and extension like in point 5.

10. Passenger site has worst access, unscrew heating pipe using 10mm socket/wrench.



11. Rest of the deinstallation and installation of MAC Shorty Headers is the same as in driver site.
12. Scew the nuts that holds axle back pipes and X-pipe, point 4.
12. Turn on the engine (DO NOT IN CLOSE AREA WITHOUT AIR CYLCULATION) and check if You don't have exhaust leakages. The most common leakages are in point 5. connection of headers and stock X-pipe.
13. If You don't have any exhaust leakages Your job is done.