



SWS PART # 439-9970, 439-9973, 439-9974 & 439-9977

BEFORE STARTING:

Your vehicle must be raised a minimum of 36 inches. A floor hoist is ideal. If no hoist is available, we strongly urge the use of axle stands as a safety measure. This installation has a high degree of difficulty. We recommend professional installation of these headers.

CAUTION! Your Jeep should not be supported on a bumper jack prior to installing headers, take the time to make a careful and complete header fitting into your vehicle properly.

1. Place the vehicle in an adequately lit location where the floor is solid and flat. DO NOT work on a hot engine. Heat causes metal to expand and makes the removal of fasteners more difficult. Disconnect the battery cables from the battery to prevent electrical damage. Raise the front end for access to the exhaust manifold flanges. DO NOT DEPEND ON A JACK! Use jack stands and block the tires to safely support the vehicle.
2. Spray WD-40® (or equivalent) on all accessible fasteners, exhaust hangers, and fittings before removing them.
3. Remove the factory air cleaner assembly and loosen the power steering belt tensioner. Remove the belt and unbolt the power steering bracket from the water pump.
4. Remove the exhaust manifold.
5. Using a gasket scraper, remove all carbon deposits and high spots from the head surface. Apply a high temperature sealer to the exhaust pipe flare, to avoid problems due to the lack of space later in the installation.
6. While holding the header in place, slide the supplied gasket between the motor and the header. Start the bolts (most restricted first) and washers on the center holes before pressing the header to the head. Tighten the nuts and bolts to the factory specifications in an alternating pattern.
7. Reconnect the exhaust system to the header using the hardware provided.
8. Reconnect the battery cables, rechecking everything in the process.
9. Start the engine and let it warm up. Check for leaks. Shut engine off and let it cool down. Check to make sure all connections are tight.
10. When finished with the installation, give your vehicle a test drive checking carefully for any new noises. After several days of driving, retighten all the bolts.