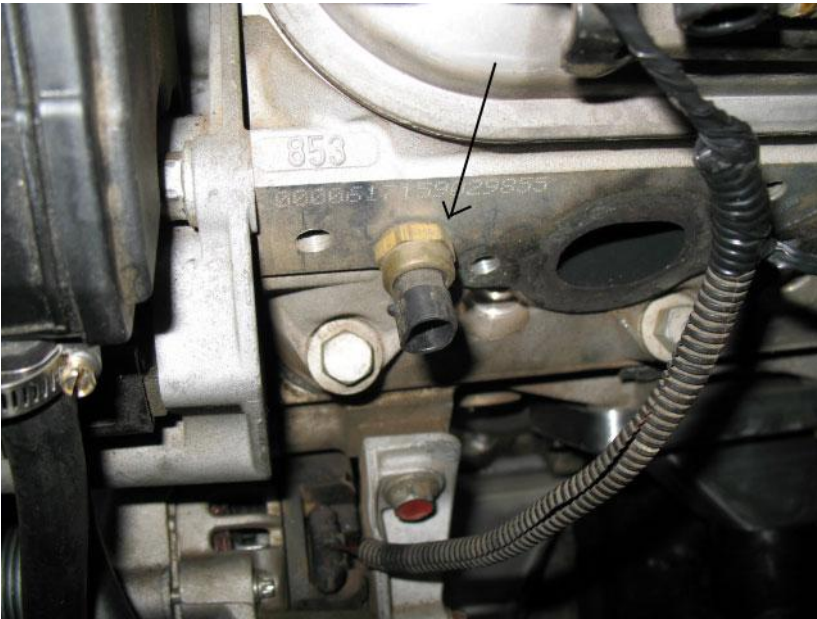


Sikky Header Install for LS1 into S13 or S14 with Sikky Motor mounts and oil pan.

Once motor is in the engine cradle – Unbolt engine mount nuts from the engine mounts. Unbolt transmission bushing nut.

Remove shifter from transmission to ease transmission movement for fitment of the headers.

Remove coolant temperature sensor on block.



Mark steering linkage (see picture) so you can realign it when you put it back together.



Completely remove steering universal joint, make sure you note bottom from top.



Now turn the steering linkage until furthest away from engine block as you can get it and zip tie it to the frame rail to hold it out of the way.



Depending on if you are working on a lift or working on the ground, you are going to need either two jacks or two transmission lifts. You need a way to lift the motor out of stock engine mount locations and drop the transmission down.

First start by supporting the crank pulley and the transmission with jacks.



Next unbolt the transmission bracket and begin to lower down until at a 15 degree angle to the back of the car and begin lifting the front of the motor by the crank pulley until the motor mounts barely come out of the stock bolt hole locations.



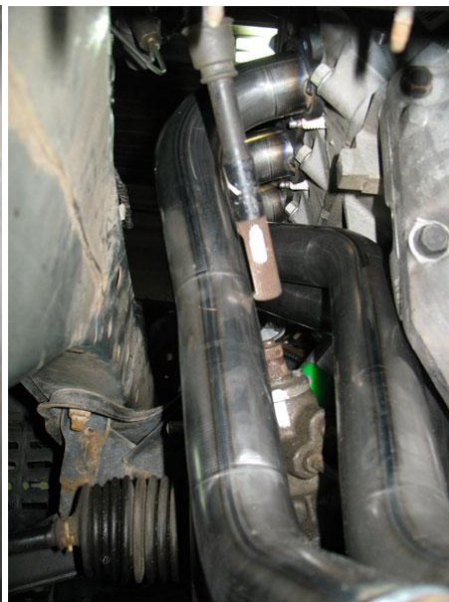
Once out of the bolt hole locations, carefully push engine toward the passenger side engine bay. This extra clearance will allow you to install the **driver side header FIRST!**



When the motor is supported to the passenger side of the engine bay, start fishing the header through the bottom of the engine bay it rest between frame rail and engine: **DO NOT BOLT IN**



Cut zip tie that is holding steering column rod and begin to work it through the header



When you have the steering column rod in place, install a bolt in the front bolt hole of the header flange. Then bolt the rear header bolt in, but do not tighten all the way, leave loose, about 1/8<sup>th</sup> inch gap between header so you can slide gasket into place later.

Leaving header loose start lowering motor into engine mount locations and raising transmission back into place. Once in place, level the motor and install and tighten transmission bracket and transmission bushing bolt. Keep in mind that header bolts are still loose and engine mount bolts are still off.

Next slide passenger side header into place and bolt only the very front bolt and the rear bolt, also keeping loose 1/8<sup>th</sup> inch gap.

Lower car down.

Cut supplied gaskets: see picture, top gasket has been modified.



Now you can drop in gasket through 1/8<sup>th</sup> in gap and begin inserting supplied hardware to tighten down both passenger side and driver side headers.

When headers are tightened down, raise car back up to reinstall steering universal joint with your alignment marks.



Your header installation is now complete.

