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## manual v6 swap (driving now)

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1 - 14 of 14 Posts

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Discussion Starter · #1 · Feb 10, 2019 (Edited)

so i have about 20k miles on my conversion now. pretty stoked car is a blast to drive! took me a few months to get all my parts tracked down. the donor rig was a 2014 camaro I got the clutch pedal with master cylinder as well as the brake pedal. 6 speed AY6 transmission, flywheel , LSD 3.27 rear diff and driveline as well. My car is still running the auto tune ATM. Swap was done in my garage on jack stands by myself.

so when i when decided to tackle this swap there was not really any info out there...most said just sell it and by a v8....

i had pulled my slush box out and the flex plate out. grabbed the flywheel and slapped on the back of the engine it kinda clicked into place, i was beaming at the fact that it fit lol then i looked at the bolt holes way off! my stomach ached..then i decided to rotate the flywheel around it took several attempts they only fit one way. after that un bolted the stock auto shifter that was cool after you take that out there is hole for the new manual shifter! no cutting! woot!

the clutch pedal was fun! had to drill holes and use my little pneumatic air saw to cut the hole for the master to poke through the fire wall. the master cylinders on these cars are very odd and expensive! as for the clutch line i re-used the camaro one with some careful bending. the master cylinder also had some

funky round valve (after hearing about dead pedals) i decided to remove that thing it just un clips and then clip the line directly to the master.

transmission bolted up fine no issues, then next issue was the shifter it self it just kinda hangs off like the tr6060 out the gxp's...i have kind of a hybrid shifter i have a ZL1 linkage with a v6 base/boot that bolt to the car. i had to take 2" roughly out of the cast alum rails that pin on to the transmission. then i swaped in the LSD unbolted the lca on bolt side flip the wheels up hover car and slid the axles out then dropped the diff out the bottom of the cradle.

i thought i was in the home stretch! the drive line is too short!.....called the local drive shaft shops explained what i was doing then told them about the funky ass flange these cars run...then they all said no...so i made a call the the driveshaftshop.com those guys are studs! very helpful got my shaft built and balanced has 1450 ujoint! i dont see my 6 breaking those any time soon! one piece aluminum and cnc alum adapters to convert the funky triangle flanges.

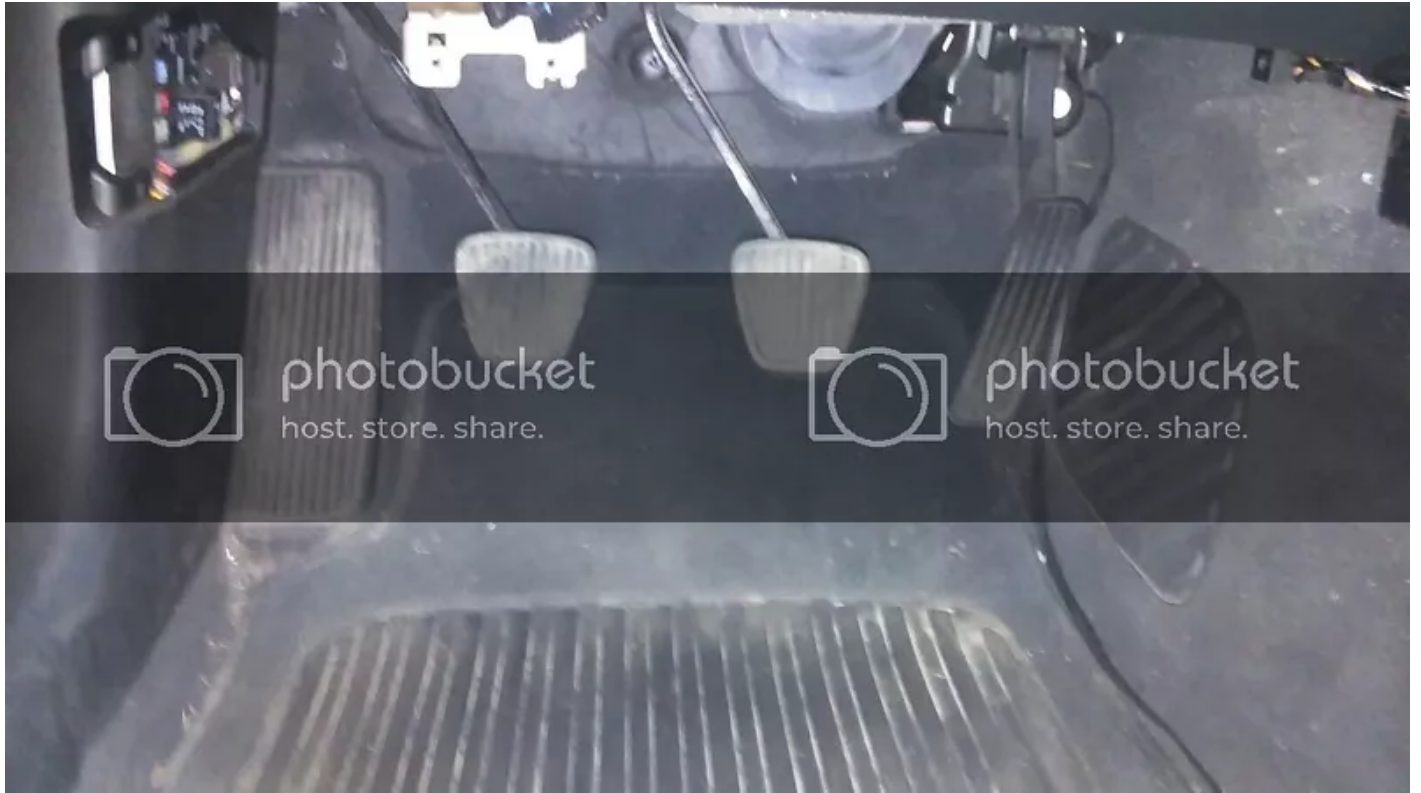
















👍 Greed, jrevans and bracketracer

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