

2015-2019 Manual Brake Conversion Kit With Billet Pedal

- Remove factory master cylinder and booster.
- Remove brake pedal quadrant assembly.
- Remove retaining clip from brake pedal pivot pin and remove pedal arm.
- Remove 2 nylon bushings from the factory pedal arm and install into the new pedal arm.
- Place new pedal arm into quadrant and put pivot pin back in without clip.
- Attach 7/16 rod end to pedal arm using the 7/16-20 x 2.0 hex head bolt, washer and nut.
- Using a scratch awl or other pointed object mark the plastic pedal quadrant where it will need to be cut for clearance of the new pushrod location. See photo below.



- Remove pedal arm assembly from quadrant and finish marking it for clearance.
- Your mark should look similar to the picture below.



- Using a die grinder or dremel tool remove material for adequate pushrod clearance. Remove as little as possible with still having no interference with the pushrod assembly.



- Install the 4) 5/16-18 x 2 ¼ set screws in the flat side of the master cylinder adapter plate using Loctite.
- Install the shorter set screws in the master cylinder side of the adapter plate using Loctite.
- Install the pedal assembly back into the quadrant using the provided retaining clip on the pivot pin.
- Install the pedal arm/ quadrant assembly back into the car.
- Bench bleed the master cylinder with fresh D.O.T 3 or 4 fluid. Note brake fluid will remove/ damage paint, be careful you do not drip on finished surfaces!

- Bolt the master cylinder to the adapter plate and install the assembly into the car using the supplied hardware.
- Using the supplied fittings and lines, connect the master cylinder to the ABS module.
- Attach the pushrod to the pedal assembly and adjust to zero preload on the master cylinder when the pedal is all the way up towards the driver. The factory brake light switch will still function as normal when adjusted properly.
- Bleed the remainder of the brake system, making sure the fluid in the reservoir does not get to low.
- With manual brakes you will notice more pedal travel than with the original power brakes but the braking pressures should remain the same.
- Test your new system at slow speeds/ progressing to faster speeds as you feel comfortable. Do this in an open, unpopulated area, these are brakes and you can never be too careful!
- Check for any leaks!
- Make sure everything is still tight.

