



## 22RE (83-88) Throttle Body Spacer Part #1061052

Please verify you have all contents listed in the below table before starting.

M8-1.25 X 20 MM Flat Socket Cap Screw	x4
M8 Flat Washer	x4
M8-1.25 X 70 MM Socket Head Cap Screw	x4
22RE Throttle Body Gasket (Paper)	x1
22RE Teflon Heat Isolation Gasket	x1
Throttle Body Spacer	x1
Throttle Body Spacer Relocation Plate (Front)	x1
Throttle Body Spacer Relocation Plate (Rear)	x1
LCE Instructions	x1

1. Remove air tube from throttle body and from air box.
2. Remove throttle cables from bell crank on throttle body. You should be able to remove these without loosening the adjustment nuts.
3. Remove bolts holding the stock throttle cable bracket to the upper intake plenum.

**Early Style Brackets: require square bracket**



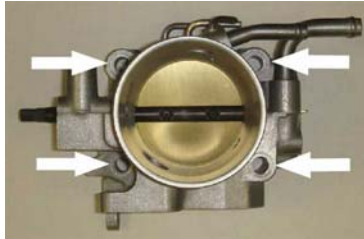
**Late Throttle Bracket:**



4. Install new throttle bracket relocation plates where the original brackets were, using supplied hardware.
  - a. Some early models will require the square bracket on the rear of the intake.



5. Remove throttle body from intake plenum (most models use three bolts and one nut).
  - a. The throttle body does not need to come completely off the vehicle, so you can keep most of the lines connected to the throttle body. If you do remove lines be sure that they go back on the same place they started (a camera can be a useful tool to see where everything came from).



6. Remove the one stud from manifold (Should be the lower left hand mount point).



7. Clean all gasket surfaces.
8. Install throttle body spacer using new gaskets and hardware supplied in kit.
  - a. Use white thermal gasket on the intake side of the spacer.
9. Install original throttle cable bracket onto the new relocation plate using original hardware.



10. Install throttle cable back onto bell crank.
  - a. Cables may need to be adjusted. Verify cable actuation from closed to full throttle
11. Install air tube back onto air box and throttle body.
  - a. Air tube will push into upper radiator hose slightly. This will cause no concerns but the upper hose may be modified (Trim end slightly) or loosen the clamps and twist the upper hose slightly to create extra clearance.

**Congratulations you have just finished installation of your new LC Engineering throttle body spacer now go for a drive!**