

### *Brake Proportioning Valve Eliminator Kit (MMBAK-6)*



Thank you for purchasing the Maximum Motorsports Brake Proportioning Valve Eliminator Kit. MM designed this kit to allow *easy* removal of the stock proportioning valve while also *retaining* all of the stock brake line plumbing. This is much easier to do than the alternatives of either dismantling the stock valve or re-plumbing the hard lines! Replacing the bulky stock proportioning valve with the much smaller MM Eliminator Kit also cleans up the engine compartment, for improved appearance.

The MM Brake Proportioning Valve Eliminator Kit maintains separate front and rear brake hydraulic systems. It should **ONLY** be installed on Mustangs that also have an adjustable proportioning valve.

*Read all instructions before beginning work. Following instructions in the proper sequence will ensure the best and easiest installation.*

1. Raise the vehicle and support it safely on jack stands.
2. Remove the front wheels from the vehicle.
3. Using the proper sized brake-fitting wrench, slightly loosen the four brake line fittings connecting to the stock proportioning valve.



4. Remove the nut retaining the stock proportioning valve, located on the outer portion of the driver side strut tower.



5. Disconnect the brake lines from the stock-proportioning valve and remove it from the vehicle. Place the two supplied rubber caps over the ends of the two brake lines that connected to the top of the stock proportioning valve. This will reduce the amount of brake fluid spilled.

NOTE: Place some rags or paper towels beneath the proportioning valve to absorb the brake fluid that will leak from the brake lines. Brake fluid will damage paint.



9. Using the proper sized wrenches, firmly tighten the upper line onto the MM Eliminator Fitting.

NOTE: DO NOT rotate the MM Eliminator Fitting during tightening or damage to the brake lines may occur. Instead, rotate the tube nuts on the ends of the brake lines to properly tighten the lines.

6. Starting with the two brake lines nearest the firewall, thread one of the supplied Eliminator Fittings onto the lower line.

NOTE: The supplied MM Eliminator Fittings have a different size port on each end. Take care to orient the end with the larger opening towards the brake line with the larger fitting.

7. Using the proper sized brake-fitting wrenches, firmly tighten the MM Eliminator Fitting onto the lower line.
8. Take the upper line nearest the firewall and thread it into the previously installed MM Eliminator Fitting.

NOTE: The brake lines may need to be slightly bent in order align them for installation into the MM Eliminator Fitting.



10. Repeat Steps 6-9 for the two remaining brake lines.



11. If not already equipped, install an aftermarket brake proportioning valve according to the manufacturer's instructions.

NOTE: We recommend the use of Maximum Motorsports BPV-1 adjustable proportioning valve.



This kit includes:

- 2 MM Eliminator Fitting
- 2 Rubber Brake Line Cap

12. Remove the rear wheels from the vehicle.
13. Bleed the brake system in the order shown below, and check all fittings for leaks.

Front of Car

|   |   |
|---|---|
| 4 | 3 |
| 2 | 1 |

NOTE: If you are unfamiliar with brake bleeding techniques, consult a service manual for further information on bleeding air from the brake system.

14. Have a friend firmly depress the brake pedal multiple times while you inspect the connections to the MM Eliminator Fittings for leaks.
15. Reinstall the front tires and torque the lug nuts to factory specifications. Lower the car to the ground.
16. Adjust the adjustable proportioning valve according to the manufacturer's instructions.