

## Mounting Bracket for 2001-05 Mazda Factory Shock Tower Brace (for use with the Racing Beat High Flow Intake Assembly, Part No. 56502)

### Complete Steps 1-4 BEFORE starting the installation of the Racing Beat High Flow Intake Assembly.

1. Remove the two (2) nuts that secure the top of the shock assembly to the driver's side shock tower.
2. Remove the two (2) bolts that secure the cross brace to the mounting bracket. Remove the bracket, it will not be re-used.
3. Place the Racing Beat Mounting Bracket over the studs on top of the shock tower. Do not replace the two (2) securing nuts at this time.
4. **Proceed with the installation of the Racing Beat High Flow Intake Assembly.** Refer to the instructions (Part No. I-56502) included with the High Flow Air Inlet Assembly Kit.

Proceed with the Air Intake Assembly instructions BEFORE returning to step 7A or 8B.

#### **Step 7A - Installation without the Racing Beat Cold Air Intake Shroud**

Place the aluminum Duct Assembly into the chassis while hooking the oblong bracket over the forward shock stud that extends up through the base of the RB Mounting Bracket.

Use the two (2) original support bracket bolts to attach the new RB intake support bracket to the chassis, do not tighten fully. Loosely install the original nuts on the shock mount studs. Loosely attach the shock tower brace to the top of the RB Mounting Bracket using the original bolts and the two (2) 8mm flange nuts supplied.

At this point, it is possible to rotate the oblong bracket slightly to optimize the duct position for installation of the air temperature sensor electrical connector. (Position the connector away from the leg of the mounting bracket.)

Tighten the shock mount nuts (22-26 ft/lbs), shock tower brace bolts (15-17 ft/lbs), and RB intake support bracket bolts (72 in/lbs). (You will have one (1) extra 8mm nut after the completion of this installation when using the mounting bracket kit.) Tighten the bolt on the "intake" end of the oblong bracket.

**Proceed to Step 9** of the instructions supplied with the High Flow Air Inlet Assembly.

#### **Step 8B - Installation with the Racing Beat Carbon Fiber Cold Air Intake Duct**

Place the complete Duct Assembly into the chassis while hooking the oblong bracket over the forward shock stud that extends up through the base of the RB Mounting Bracket and position the fan wire bundle underneath the recess located in the forward lower edge of the cold air duct. (Use this recess to route any other accessory wires that would otherwise become "pinched" under the duct. Secure wires using the supplied tie wraps.) ABS equipped cars: Do not route the ABS wire under the duct. This wire will be routed through the opening in the side of the duct at a later step. Secure the cold air duct to the chassis using the two (2) supplied bolts.

Use the two (2) original support bracket bolts to attach the new RB intake support bracket to the chassis, do not fully tighten. Loosely install the original nuts on the shock mount studs. Loosely attach the shock tower brace to the top of the RB Mounting Bracket using the original bolts and the two (2) 8mm flange nuts supplied.

Tighten the shock mount nuts (22-26 ft/lbs), shock tower brace bolts (15-17 ft/lbs), and RB intake support bracket bolts (72 in/lbs). (You will have one (1) extra 8mm nut after the completion of this installation when using the mounting bracket kit.) Tighten the bolt that attaches the oblong bracket to the underside of the duct.

**Proceed to Step 10A** of the instructions supplied with the High Flow Air Inlet Assembly.