

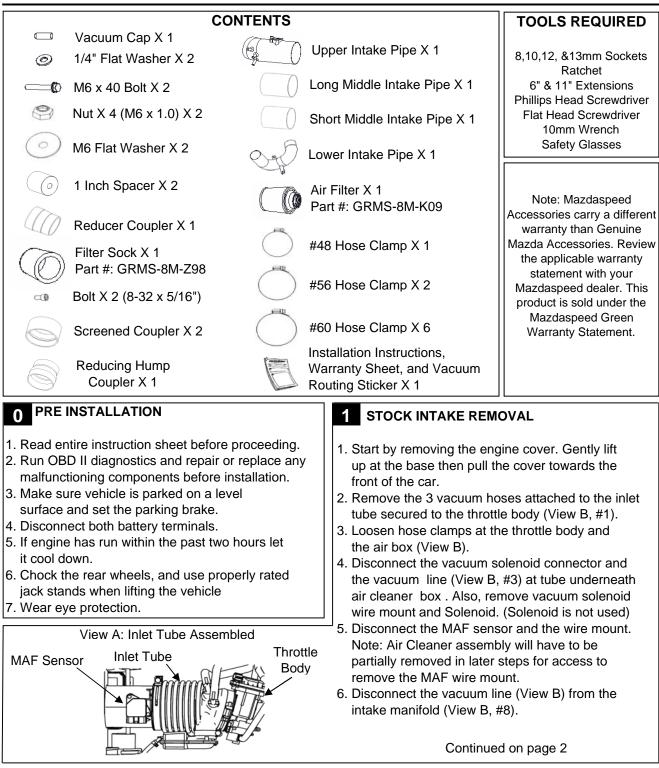
Please check for compliance with local law prior to purchase and installation of this device.

## **INTAKE SYSTEM**

GRMS-8M-K30 CARB #: D-607

PART NUMBER:

APPLICABLE MODELS: 2004-2008 Mazda RX-8 1.3RTR



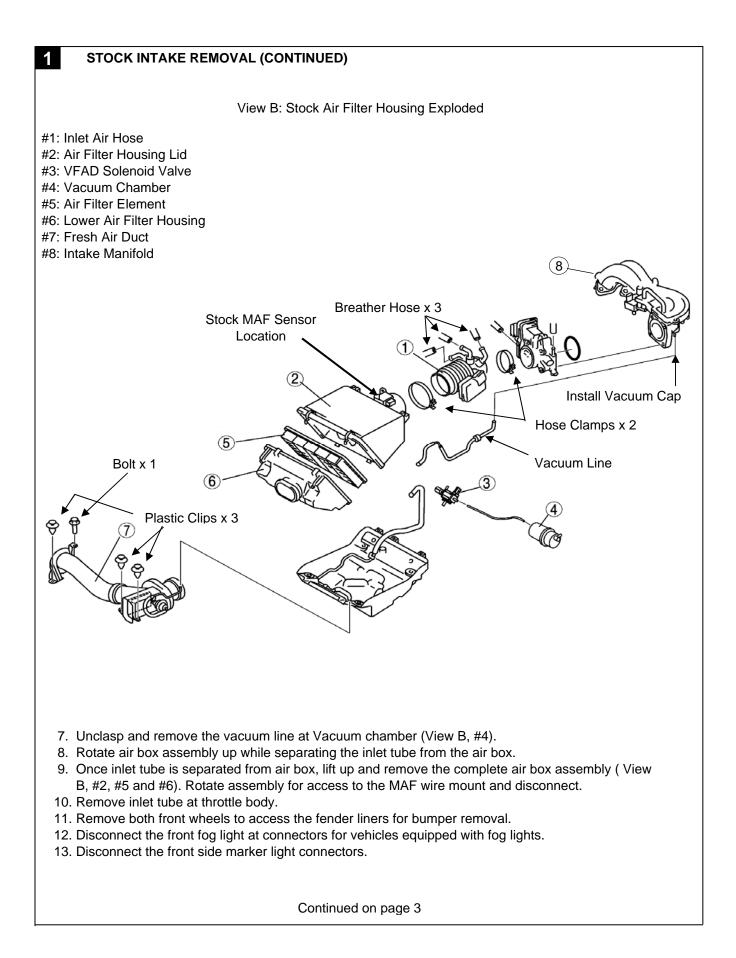


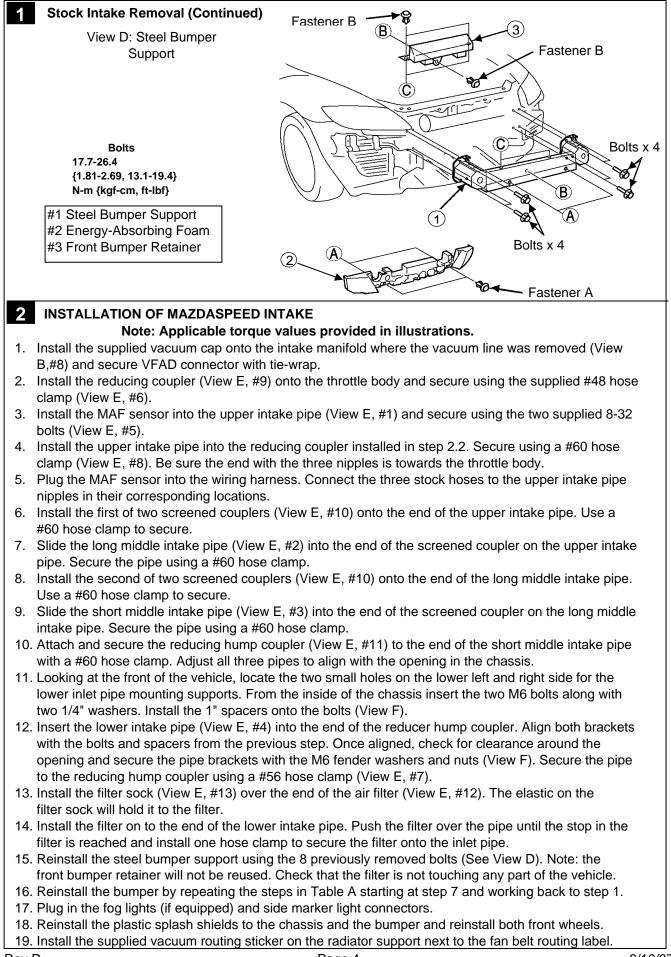
Table A for View C: Bumper	
1	Fastener A
2	Seal Plate
3	Screw A
4	Screw B
5	Fastener B & C
6	Bolt
7	Front Bumper

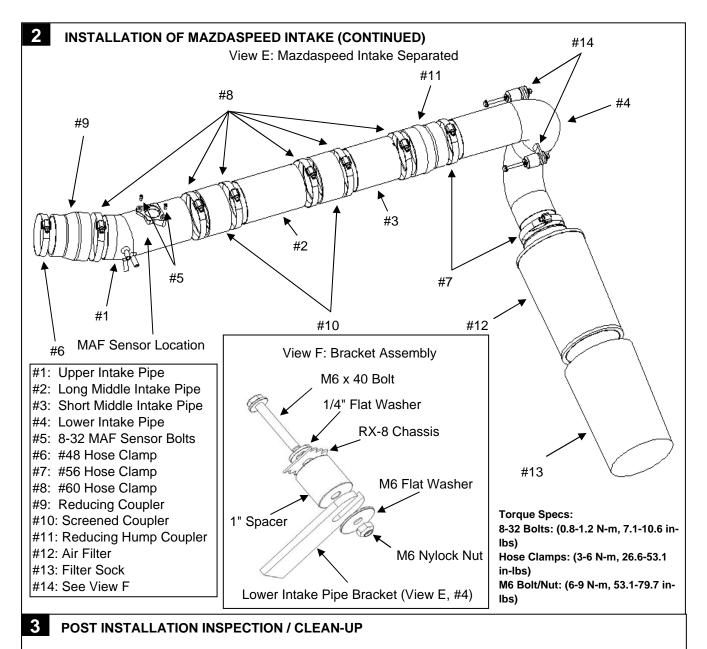
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View C: Bumper Removal / Installation Ð Fresh Air Duct Bumper Support 2 7.8-11.8 **{80-120**, 70-104} Headlight 6 Cleaner  $(\mathbf{\hat{C}})$  $(\mathbf{A})$ Hose B 3 N-m {kgf-cm, In-lbf}

- 14. Remove the parts in the order indicated in Table A.
- 15. Remove the fresh air duct and vacuum assembly by removing the three plastic clips and the bolt securing it to the chassis (View B,#7).
- 16. Remove the fasteners (View D, A) securing the energy-absorbing foam (View D, #2) to the steel bumper support (View D, #1).
- 17. Remove the fasteners (View D, B) securing the front bumper retainer (View D, #3) between the steel bumper support (View D, #1) and the chassis.
- 18. Remove the 8 bolts (View D) securing the bumper support to the chassis and remove the bumper support.
- 19. Remove the stock MAF sensor from the air filter housing lid (View B, #2).

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- 1. Inspect all connection points.
  - Two aluminum spacers
  - MAF sensor harness and three hoses on upper intake pipe
  - Throttle body coupler
- 2. Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened, including the wheel and fender liner. Start engine and perform a final inspection before driving the vehicle.
- 3. Wipe finger prints off of the intake pipe with soft cloth.
- 4. Return original intake and installation instructions to customer.
- 5. Note: Clean your filter every 20,000 miles per the instructions on the included filter cleaning kit.
- 6. Caution: If you anticipate traversing deep water, remove this system and replace it with the original equipment intake system. All warrantees are null and void if water is ingested into the intake system.
- 7. Caution: Modification, tampering or removal of any undercarriage or wheel housing mudguard will void all powertrain warrantees.