



## Installation Instructions

### 2001- 2003 FORD RANGER 3.0 L PART # 5232

Important! Read all instructions before you begin installation.

1. Loosen air induction tube clamps. Remove air induction tube Remove throttle cable cover. Release cables from throttle bracket and unbolt cable bracket from intake manifold using a Torx T-25 driver.
2. Remove throttle cable from throttle body (and if equipped the cruise control cable). Remove four throttle body bolts.
3. Install MotorVator (part number side towards throttle body) and supplied gasket onto intake manifold. Use the provided longer bolts and washers to secure the throttle body to intake manifold. Torque to 8 lb/ft.
4. Install supplied throttle cable bracket extenders in the original bracket position with the original T-25 Torx bolts. Next, bolt the throttle bracket to the extender with remaining supplied bolts, lock washers, and washers. Reinstall the cables to the bracket and to the throttle body.
5. Reinstall the air induction tube and clamp it tightly to the Mass Air-Flow sensor and the throttle body. Reinstall the throttle cable cover.



#### Parts List

- 1 MotorVator
- 2 Gasket
- 4 6x50mm bolts
- 3 6mm lock washers
- 7 6mm flat washers
- 2 Throttle bracket extender
- 2 6mm countersunk bolts
- 3 6mmx12mm bolts

MOTORVATION

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