



**HIGH FLOW INTAKE MANIFOLD
INSTALLATION INSTRUCTIONS**

PART NUMBER D760-5400

APPLICATION: 1999-2003 540i (E39)
1999-2001 740i/iL (E38)
2000-2003 X5 4.4i (E53)

PARTS LIST

| Qty | Description |
|------------|------------------------|
| 1 | Intake Manifold |
| 1 | Manifold Rear Gasket |
| 1 | Manifold Front Gasket |
| 4 | Manifold Lower Gaskets |
| 10 | Spacer |

- Note -

This kit has been optimized for use in conjunction with the following components: Dinan Cold Air Intake Kit, Free Flow Exhaust, High Flow Throttle Body, and High Flow Airflow Meter. Dinan engine software is also recommended for best performance. These items are not included in this package. Please contact your Dinan performance representative for details regarding these components, and see notes below regarding the engine software.

Some mechanical skill is required to install the High Flow Intake Manifold. If you feel you don't have the requisite skill or tools, please arrange for a qualified repair facility to perform the procedure. We recommend that you read these instructions completely before proceeding so that you're familiar with all the steps before the actual installation.

If you encounter any difficulties during installation, or if these instructions are not clear to you, please call Dinan Engineering at (408) 779-8584.

FOR BEST PERFORMANCE, WE RECOMMEND THAT THIS KIT BE USED WITH THE APPROPRIATE DINAN PERFORMANCE SOFTWARE FOR YOUR VEHICLE.

There are two ways to upgrade to the appropriate Dinan software:

1. Send the ECU to Dinan. The ECU will be reprogrammed and shipped out the same day. Please contact your Dinan Performance Representative so that we may prepare for its arrival.
2. Have a Dinan Authorized Dealer Install the High Flow Air Flow Meter and update your ECU using Dinan's MIPP device. Contact your Dinan Performance Representative to locate the nearest Dealer.

INSTALLATION:

1. Remove the original intake manifold following recommended BMW procedure intake manifold removal (TIS #11 61 050).
2. Installation of the Dinan manifold is simply the reverse of removal.
3. Affix the supplied E.O. label at an easily visible location near the manifold. The label must be visible during a smog inspection.

WARNING:

- The front and rear endplate gaskets are not identical! The front gasket slot (6 bolt holes) is deeper and requires the wider gasket. The rear gasket slot (7 bolt holes) is shallower and uses the narrow gasket. After setting the gaskets into place, ensure that they protrude slightly from the manifold. **A vacuum leak will result if the gaskets are not properly installed!**

Please call Dinan Engineering's technical support hotline at (408) 779-8584 if you have any questions!