



DINAN

**STAGE 1 LIGHTWEIGHT FLYWHEEL
INSTALLATION INSTRUCTIONS**

PART NUMBER D550-0009

APPLICATION: 2008-12/08 135i (E82, E88)
2007-12/08 335i/xi (E90, E92, E93)
2008-12/08 535i/xi (E60, E61)

PARTS LIST

<u>Qty</u>	<u>Part Number</u>	<u>Description</u>
1	D553-0009	Lightweight Flywheel
1	23 00 0 417 164	Set of Aluminum Screws
8	11 22 7 520 706	Flywheel Bolts

Congratulations for being selective enough to use a Dinan Engineering Lightweight Flywheel. We have spent many hours developing this flywheel to assure that you will receive maximum performance and durability with minimum difficulty in installation. Please take the time to read these instructions and call us if you have any difficulties during the installation.

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- **YOU MUST USE THE FACTORY TOOLS FOR INSTALLATION OF FLYWHEEL AND CLUTCH!**
 - **FOLLOW THE TIS PROCEDURES (TIS #11 22 500 & #21 21 500) FOR INSTALLATION OF THE FLYWHEEL AND CLUTCH!**
 - If a Dinan Upgraded Intercooler is installed, please release the hose clamps and detach the silicone hoses. This will permit the rear of engine to tilt further downward and ease removal of the transmission.
 - The flywheel attachment bolts are one-time use, and must be replaced. New bolts are included with this flywheel. Do not reuse the old bolts!
 - The aluminum transmission attachment bolts are one-time use, and must be replaced. New bolts are included with this flywheel. Do not reuse the old bolts! Be sure to follow the BMW torque procedures for these bolts to prevent bolt breakage.
 - Dinan strongly suggests the use of a new clutch disc and pressure plate.
 - The pressure plate cover bolts are also one-time use, and must be replaced. New bolts are included with a clutch kit from BMW. Determine which bolts you have for pressure plate cover, and refer to TIS for correct angle torque requirements.

If you encounter any difficulties during the installation, or if these instructions are not clear to you, please call Dinan's Technical Support Staff at (408) 779-8584.