

Manual with instalation proces BMW M10 / M30 / M88 / S38 enignes
with automatic BMW ZF 8HP45 / 8HP50 / 8HP55 / 8HP70 /8HP75X

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List of compatibble tranmission

BMW ZF 8HP 8HP70 GA8HP70 BMW N57 N57N

BMW ZF 8HP 8HP75 GA8HP75X BMW N57 N57N

BMW ZF 8HP 8HP50 / 8HP50Z GA8HP50Z BMW BMW B58 B58B30

BMW ZF 8HP 8HP75Z GA8HP75Z / 8HP75 BMW B57 B57B30

BMW ZF 8HP 8HP51Z GA8HP51Z / 8HP51 BMW B48 B48B20

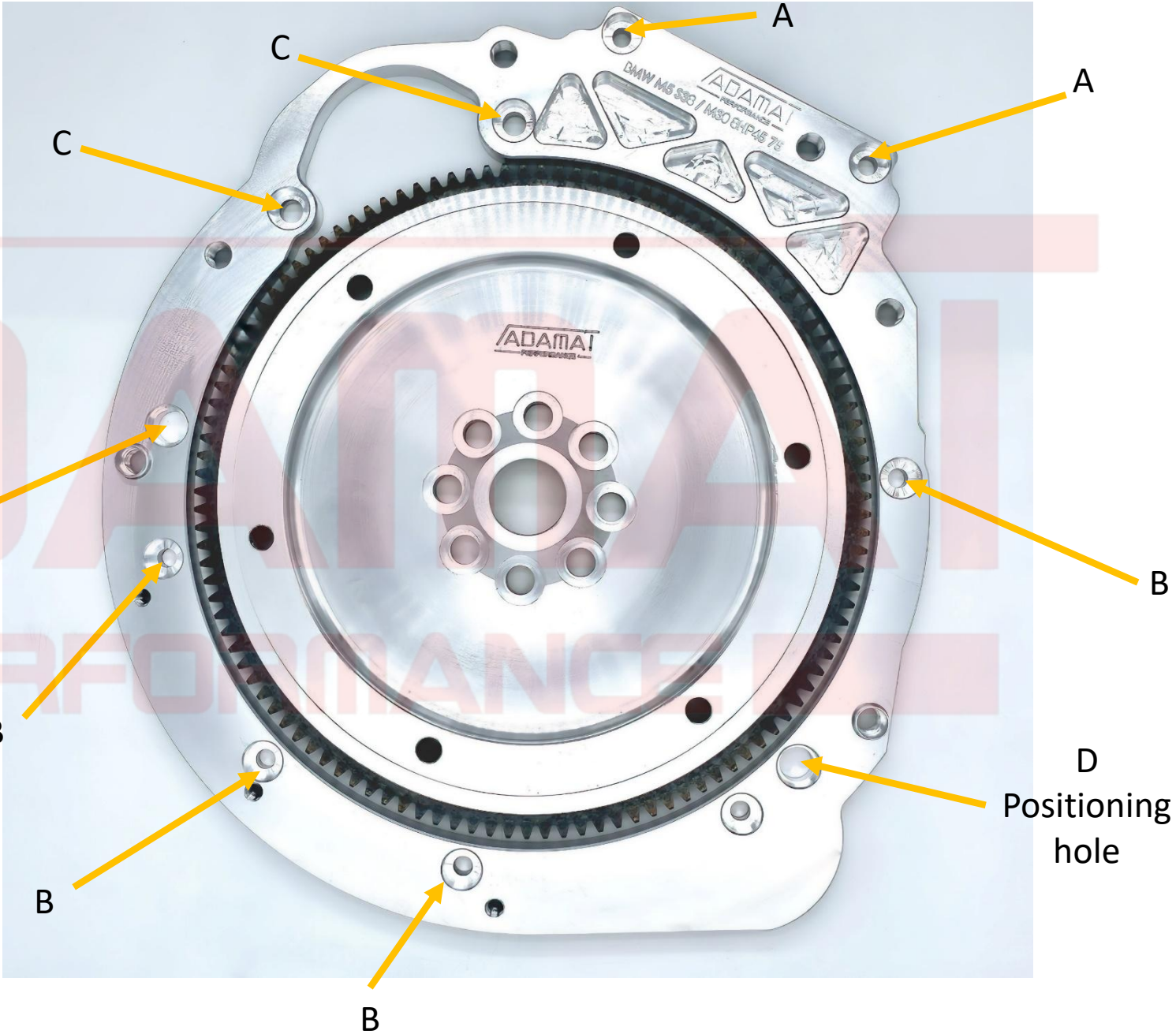
BMW ZF 8HP 8HP51Z GA8HP51Z / 8HP51 BMW B46 B46B20

BMW ZF 8HP 8HP45Z GA8HP45X BMW B47C/D20

BMW ZF 8HP 8HP45Z GA8HP45X BMW N47 4 bolt crank

1. Adapter installation on engine

No	Bolts type	Size	Qty
A	DIN7984	M8x25	2
B	DIN7984	M8x25	4
C	DIN7984	M10x20	2
D	DIN7984	M10x35	2

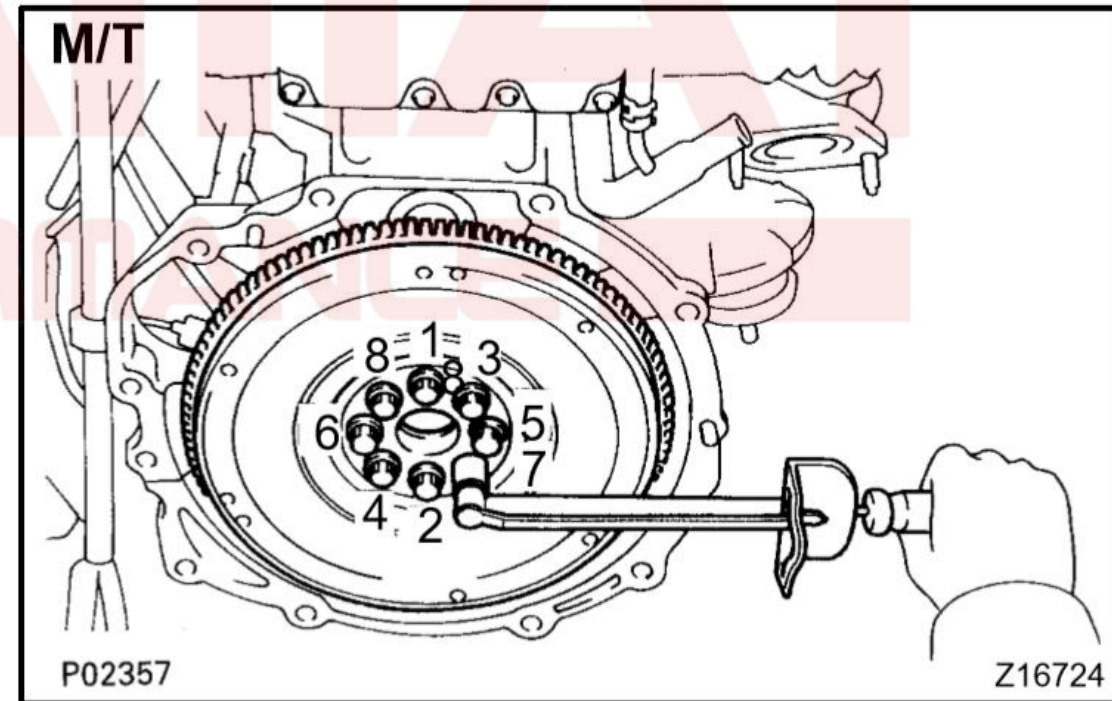


2. Solid flywhell installation.

Please use 8x DIN912 M12x1,5x30 12.9 class included in kit

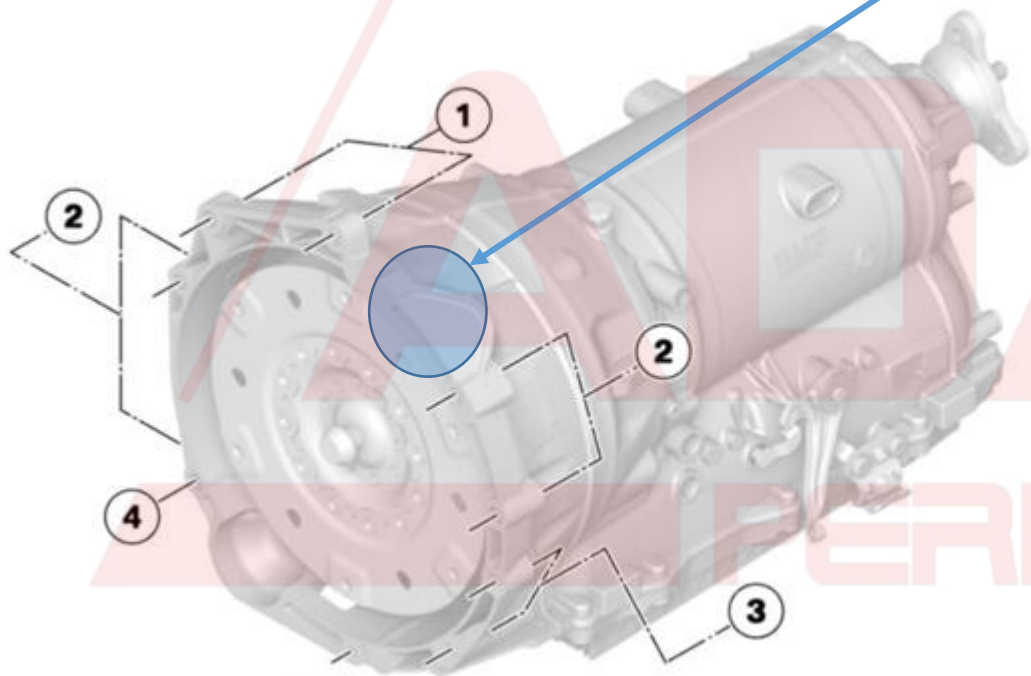
Torque for bolts:

- use lubricant SOFT thread locker
- first stage 49Nm
- Secound stage 85Nm
- final stage 115Nm



3. Local modiffication in tranmission case.

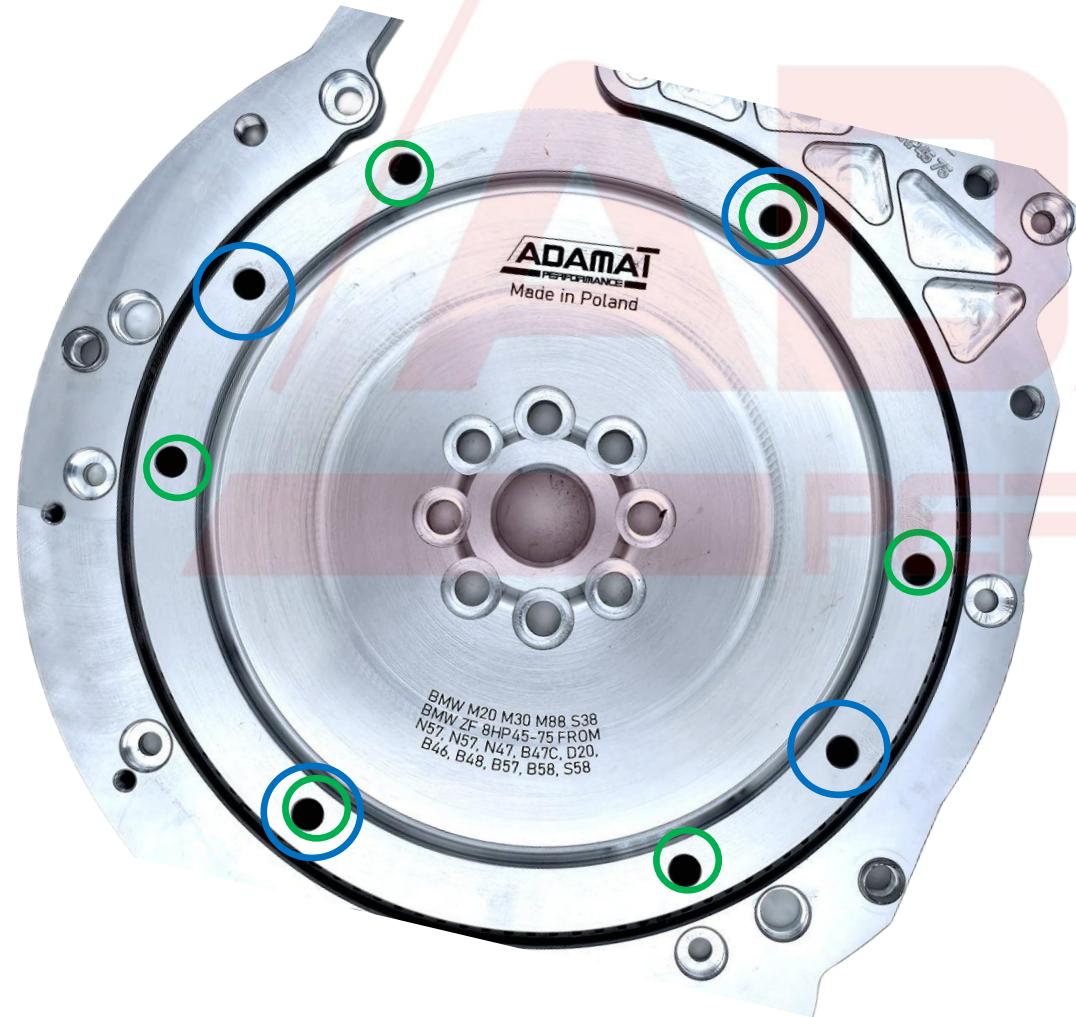
Local modiffication
needed for starter motor
Area clearance.
Assy adapter on
tranmission and mark
colision area



N o	Bolts type	Size	Qt y
1	DIN912	M12x1,5x35	2
2	DIN912	M12x1,5x55	4
3	DIN912	M8x45	3
4		Positioning slave	

4A. Depends from TC in use are be those marked holes in flywheel.

-  Green holes used for 6-th bolts TC
-  Blue holes used for 4-th bolts TC



2 Torque for bolts from kit DIN912 M10x50 12.9class

-use graphite grase on threads.

-first stage 49Nm

-Secound stage 55Nm

-final stage 79Nm



4B. Assy transmission with torque converter on engine with standard procedure.
Torque converter bolts are assembled by starter hole before assembly it

For torque converter please use 6pcs DIN933 12.9 class M10x1x30 included in kit

Torque for bolts

- use soft thread locker glue.
- first stage 49Nm
- Second stage 55Nm
- final stage 85Nm

Torque bolts

