

Manual with instalation proces BMW v8 enigne with 8HP70.

New version 2025 one piece flywheel

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REMARKS!!! All metal Surfaces must be clean and degreased.

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

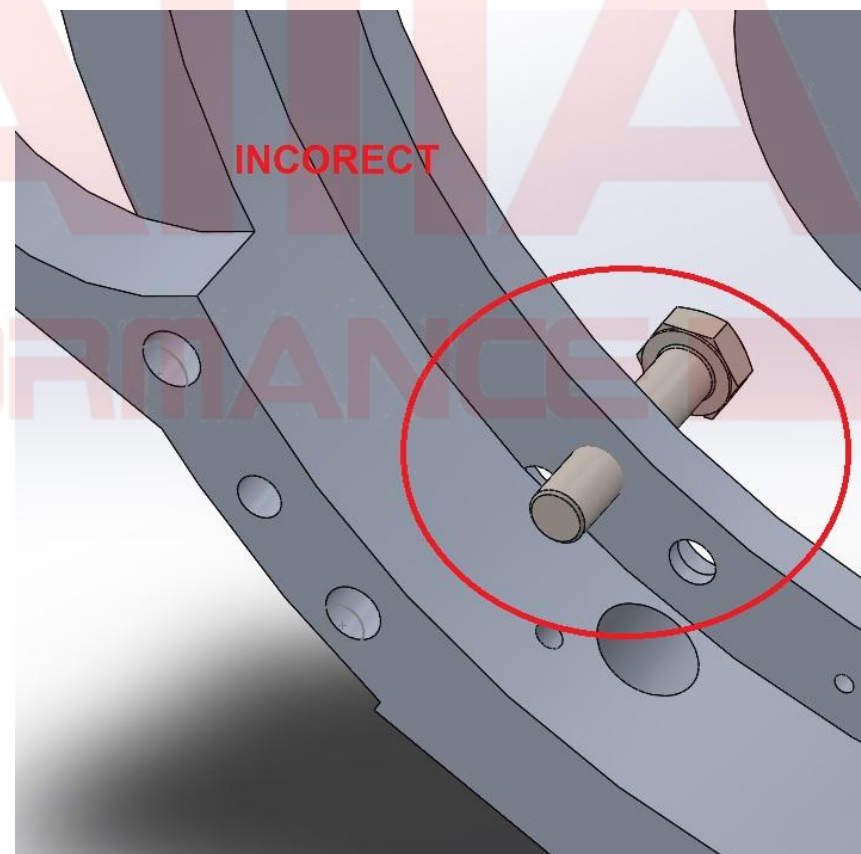
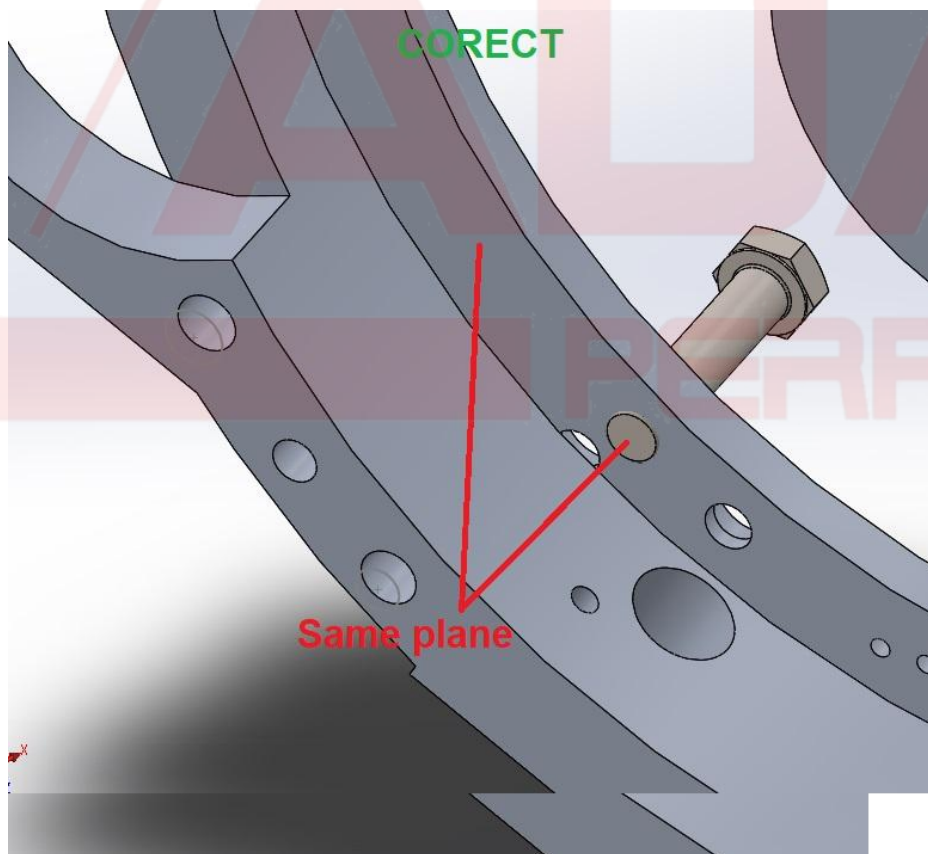
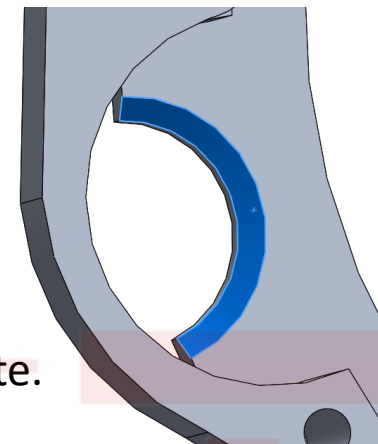
BMW ZF 8HP 8HP51Z GA8HP51Z / 8HP51 BMW B48 B48B20

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

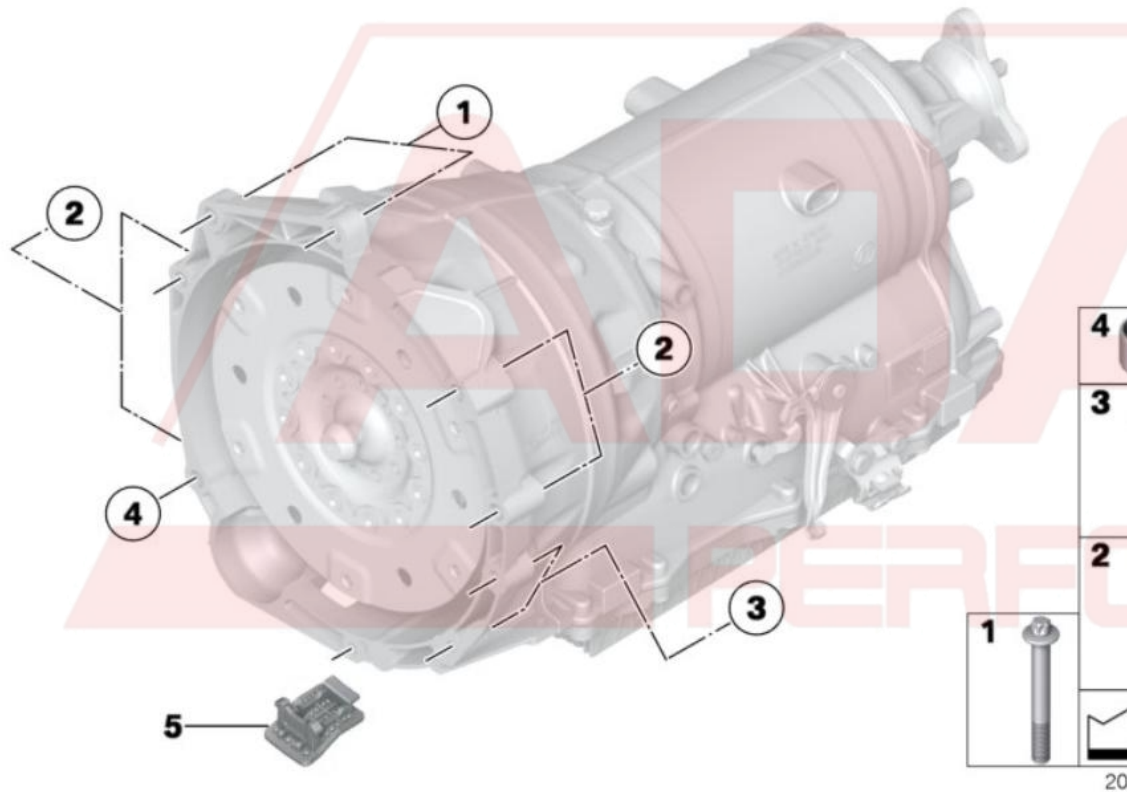
BMW ZF 8HP 8HP45Z GA8HP45X BMW B47C/D20

1. In first step please assy adapter on engine and check is starter motor fit without nescassary changes in adapter. Sometimes chamfer must be done.

2. Please bolt tansmission on adapter and make sure that end of bolts are maximum on adapter plate. To long bolts can touch triger ring on flywhell and damage it. If bolts are to long please cut it. We recomended fit tranmission on engine together with eariel assembled adapter plate.



BMW 8HP45-70 6 bolts flat torque converter
N47/N57/B47/B58/B57

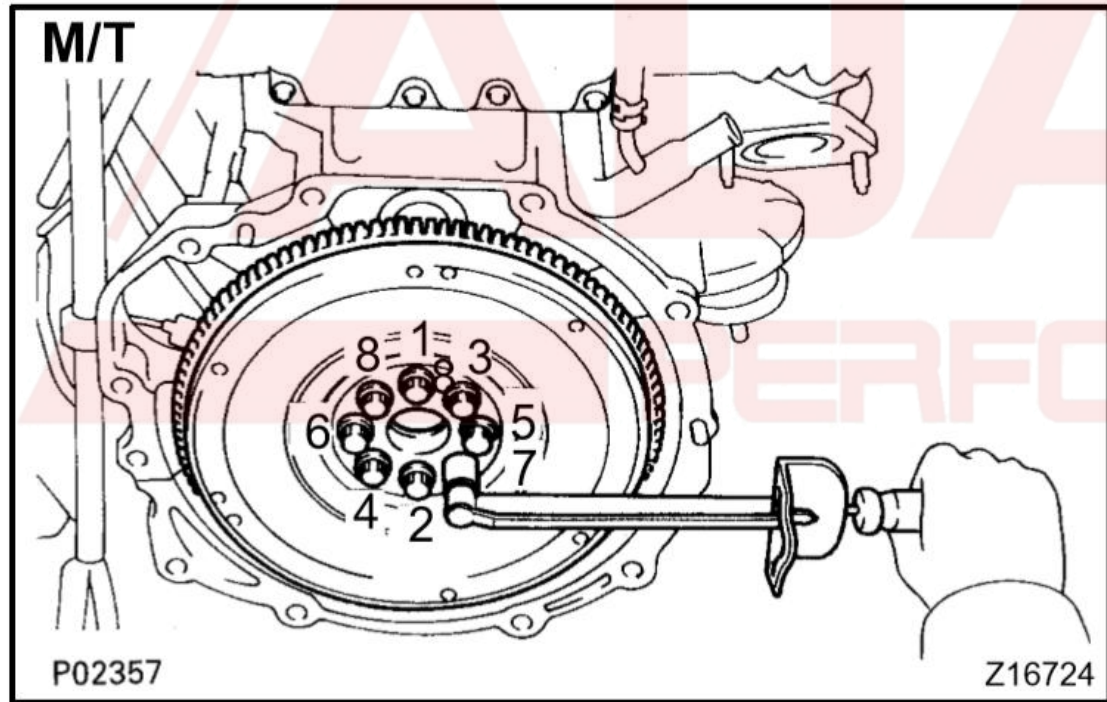


- 1 – M12x1,5x40 2PCS
- 2 – M12x1,5x55 3PCS
- 3 – M8x45 3PCS

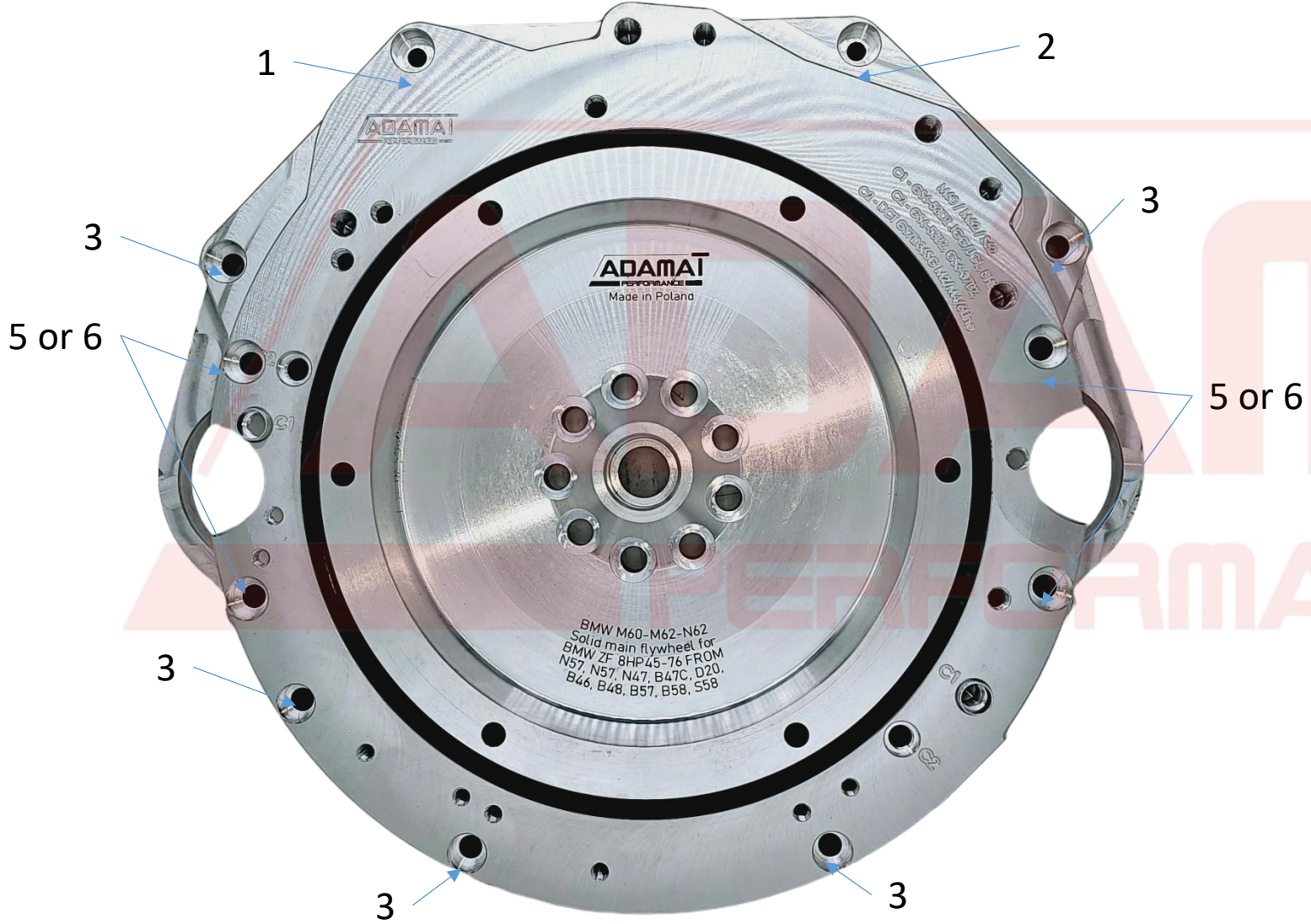
3. Assy main flywhell on crank

Torque for bolts from kit M12x1.5 12.9 class

- use lubricant soft threadlocker
- first stage 49Nm
- Secound stage 65Nm
- final stage 115Nm

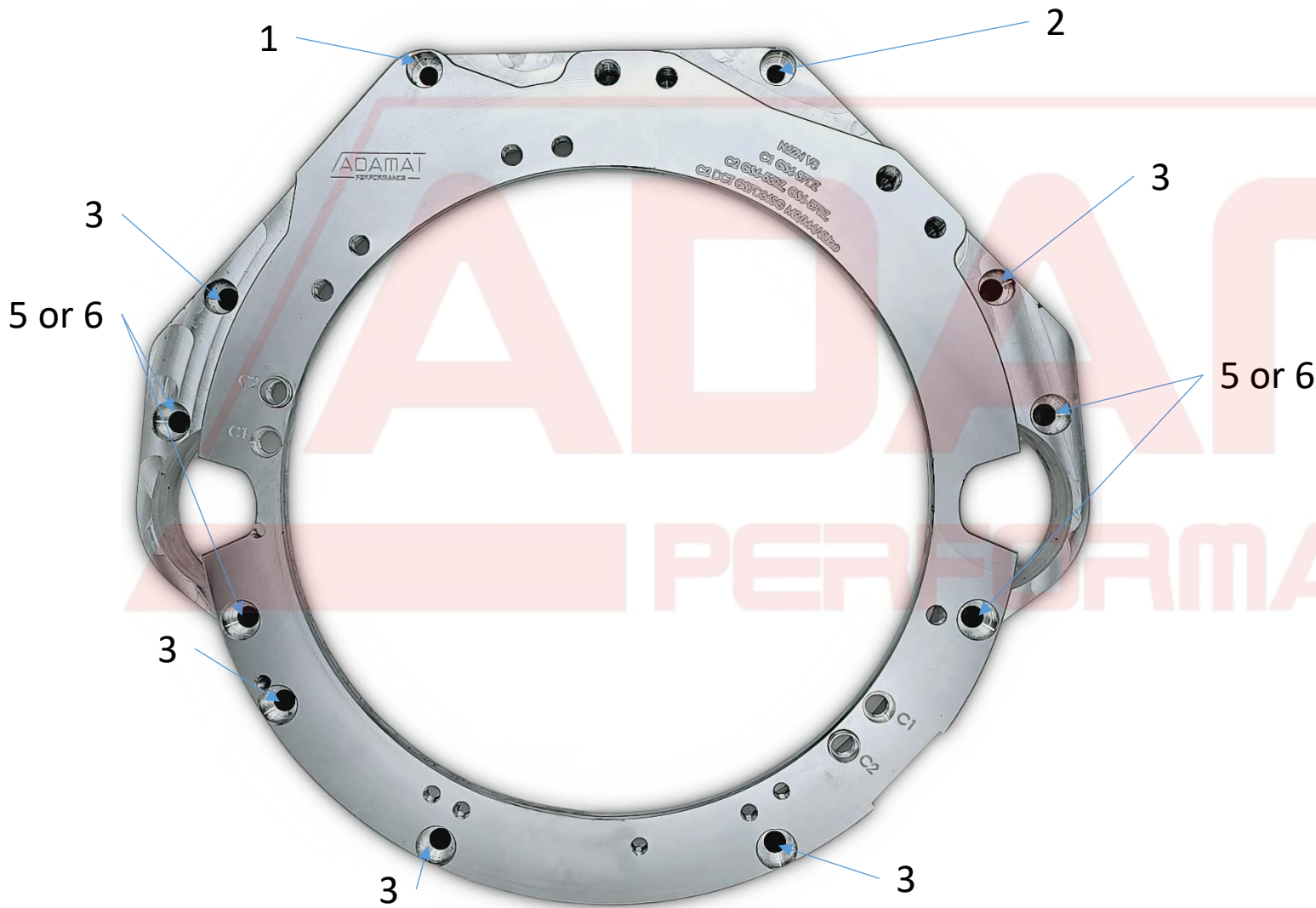


4. Adapter on engine basic bolts chart M62.
Important in adapter plate on opposite site are two holes for positioning
Slaves 14,5mm that should be assembled in engine block.



No	Bolts type	Size	Qty
1	DIN912	M8x40	1
2	DIN912	M8x50	1
3	DIN912	M10x55	6
5	DIN912	M10x60 + washer + NUT on site without starter motor	2
6	DIN912	M10x50	2

4. Adapter on engine basic bolts chart N62.
Important in adapter plate on opposite site are two holes for positioning
Slaves 14,5mm that should be assembled in engine block.

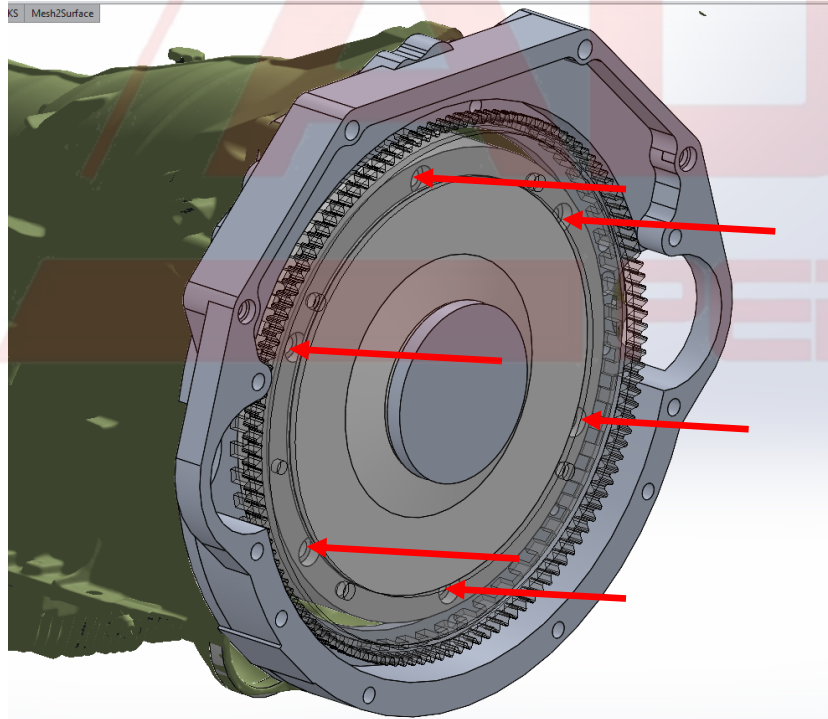


No	Bolts type	Size	Qty
1	DIN912	M8x40	1
2	DIN912	M10x50	5
3	DIN912	M10x55	2
5	DIN912	M10x60 + washer + NUT on site without starter motor	2
6	DIN912	M10x50	2

6. Assy tranmission together with torque converter with OEM procedure on adapter plate and flywhell
use 6 bolts DIN912 M10x40-50 12.9class bolts from kit

Torque for 6 torque converter bolts
DIN912 M10x40-50 12.9class

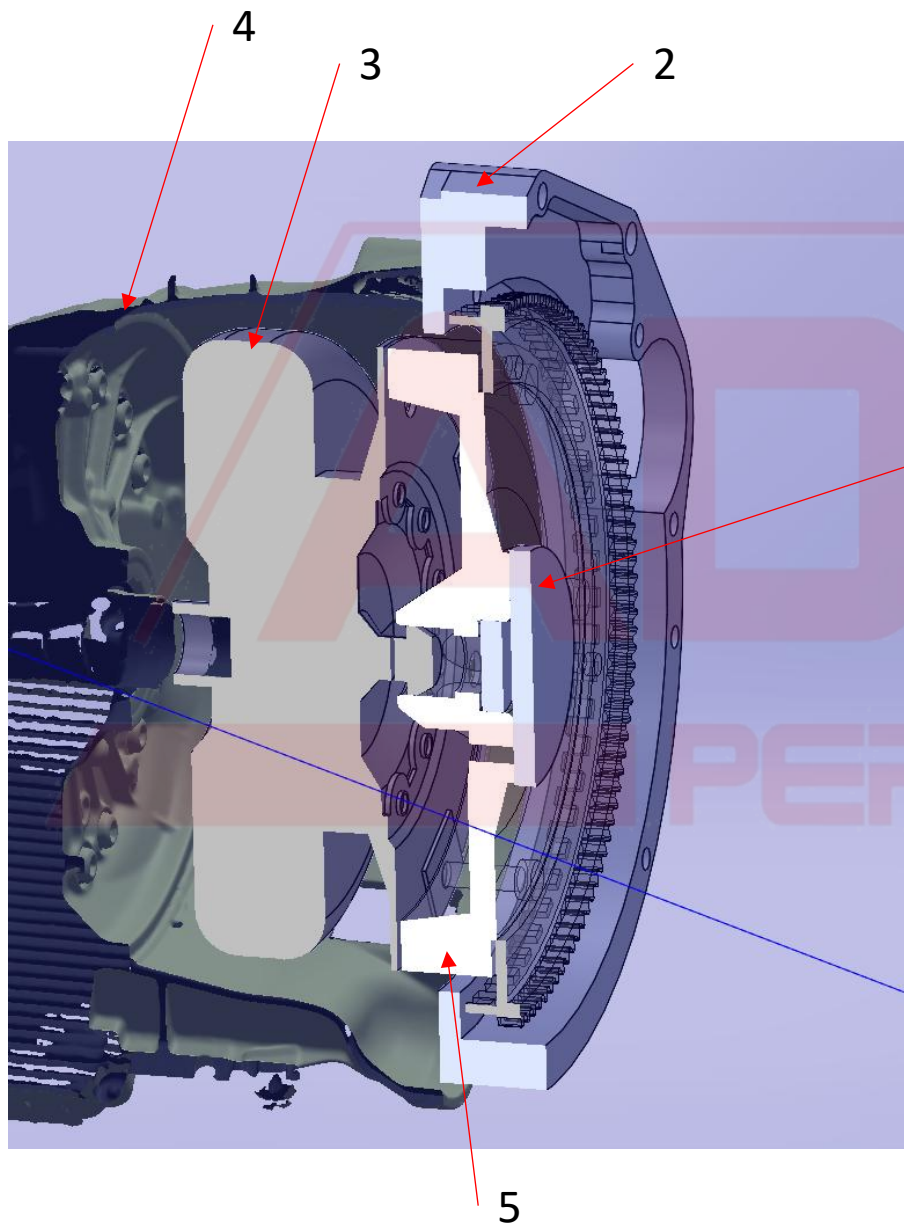
- use moly grace on bolts.
- first stage 49Nm
- Secound stage 55Nm
- final stage 79Nm



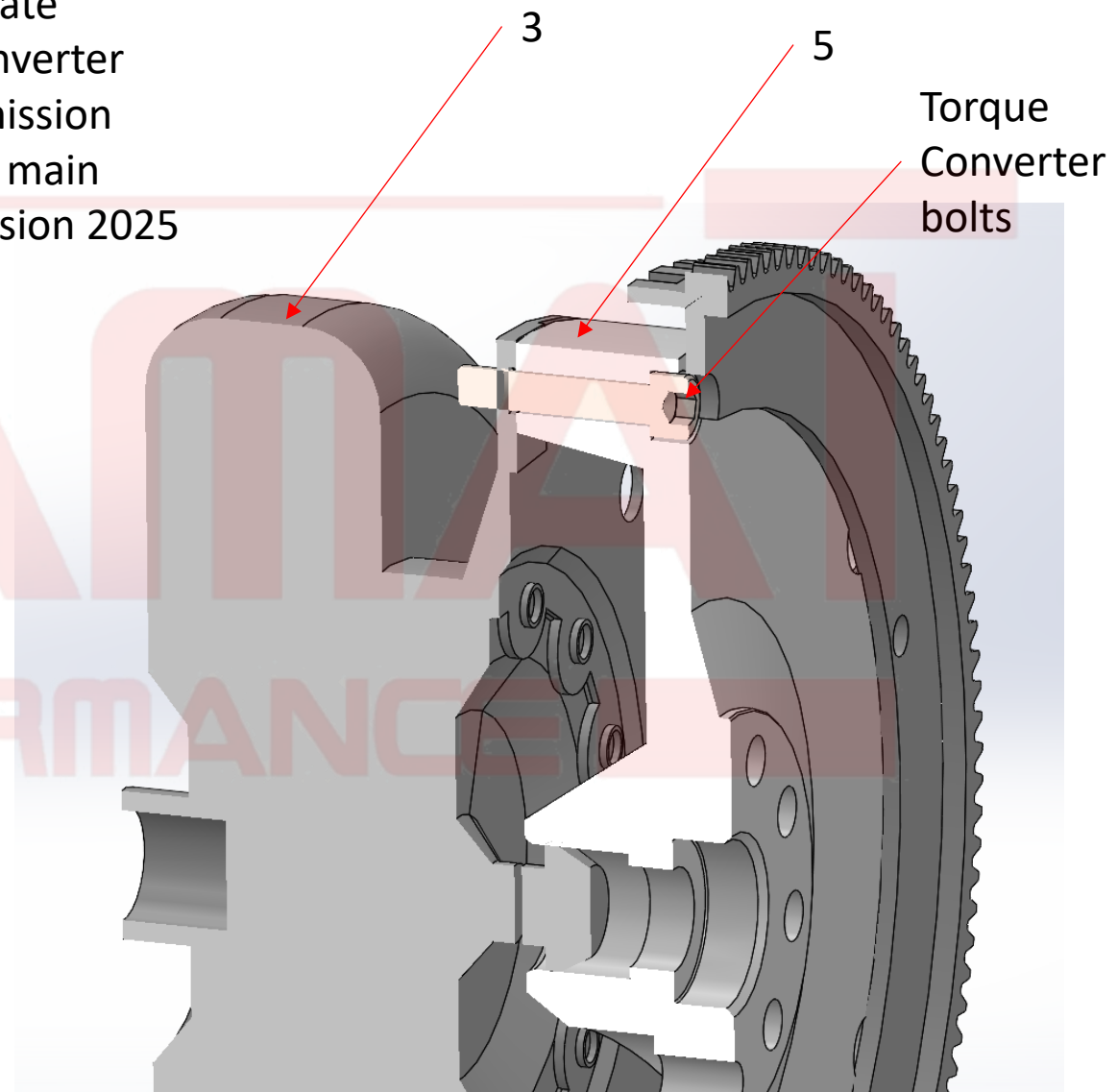
Depends from engine M62/N62 acces hole in sump kit for
Automatic flexplate bolts can be in different place



7. Final Diagram



- 1-engine crank
- 2-adapter plate
- 3-torque converter
- 4-8HP tranmission
- 5-One piece main flywheel version 2025



Torque
Converter
bolts