

Manual with instalation proces for engines 1JZ / 2JZ / GT / GTE / FSE with  
DODGE CHALLENGER / CHARGER / HELLCAT/  
ZF 8HP70 / 8HP90

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# 1. Adapter installation on engine

No	Bolts type	Size	Qty
1	DIN961	M12x1,25x25	5
2	DIN912	M10x35 assembled from behind	3

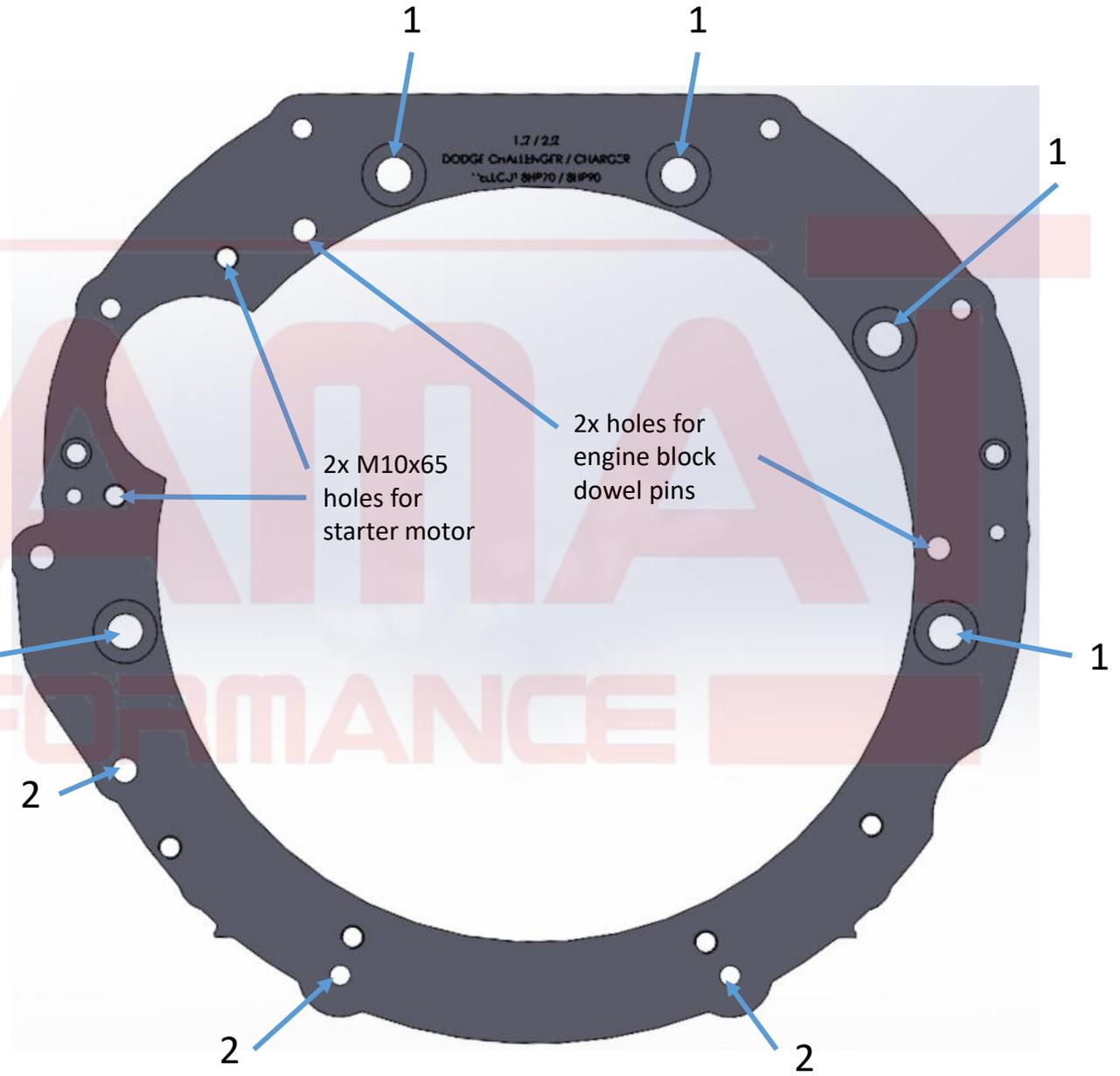
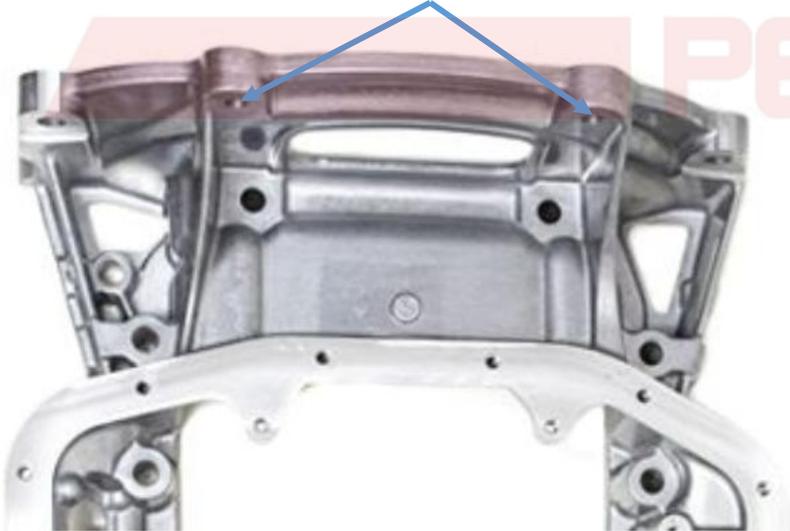
DIN961



DIN912



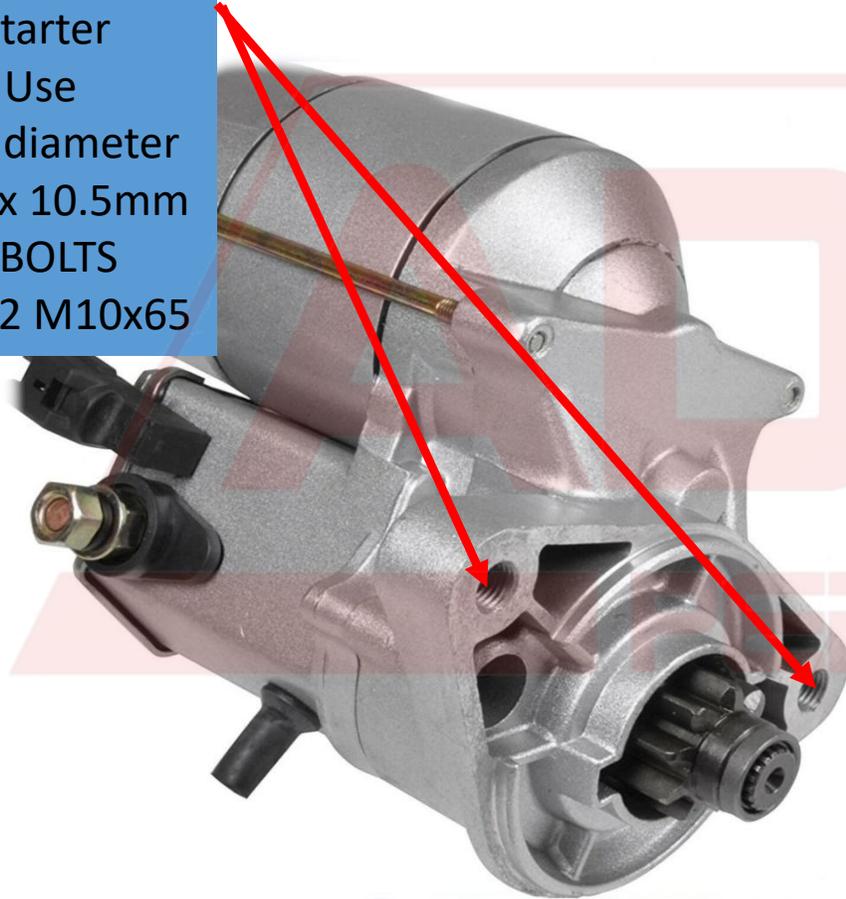
Remove OEM threads in sump kit using  $\varnothing 10,5$  driller



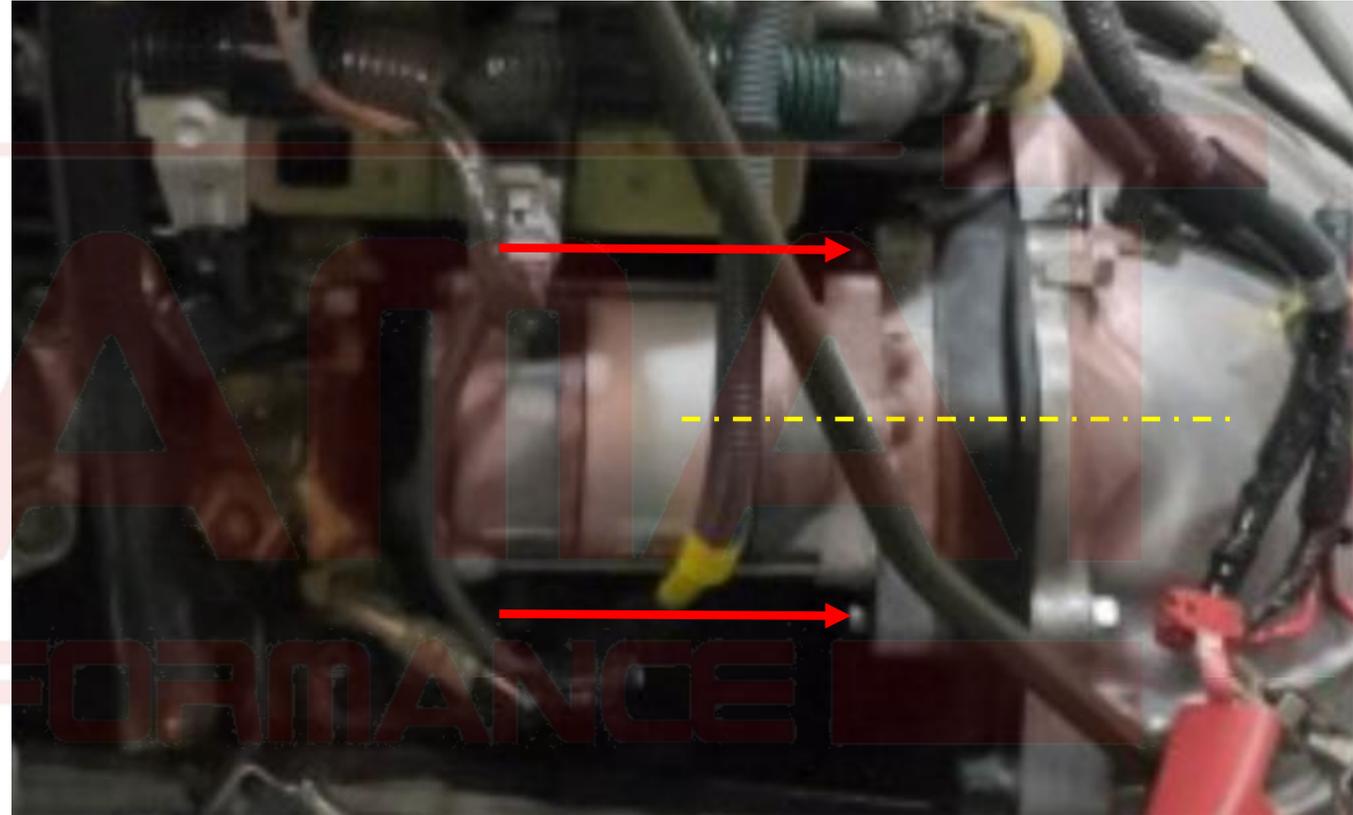
## 2. Starter motor installation on engine.

Works with OEM automatic / manual starter motor

Remove thread from starter holes. Use driller diameter 10 max 10.5mm  
USE 2 BOLTS  
DIN912 M10x65



Bolts direction installation



**Please ensure that starter motor gear wheel dont touching flywheel starter ring.**

3. 1JZ / 2JZ twin clutch flywhell instalation.

**WE DONT USE JZ SHIM FROM AUTOMATIC TRANSMISSION. MAIN FLYWHELL ASSEMBLED DIRECTLY TO CRANKSHAFT.**

**Torque for bolts from kit M10x1.25x35 12.9 class**

**PLEASE ENSURE THAT BOLTS ARE NOT TO LONG. IF NESCEASSARY PLEASE MAKE IT SHORTEN.**

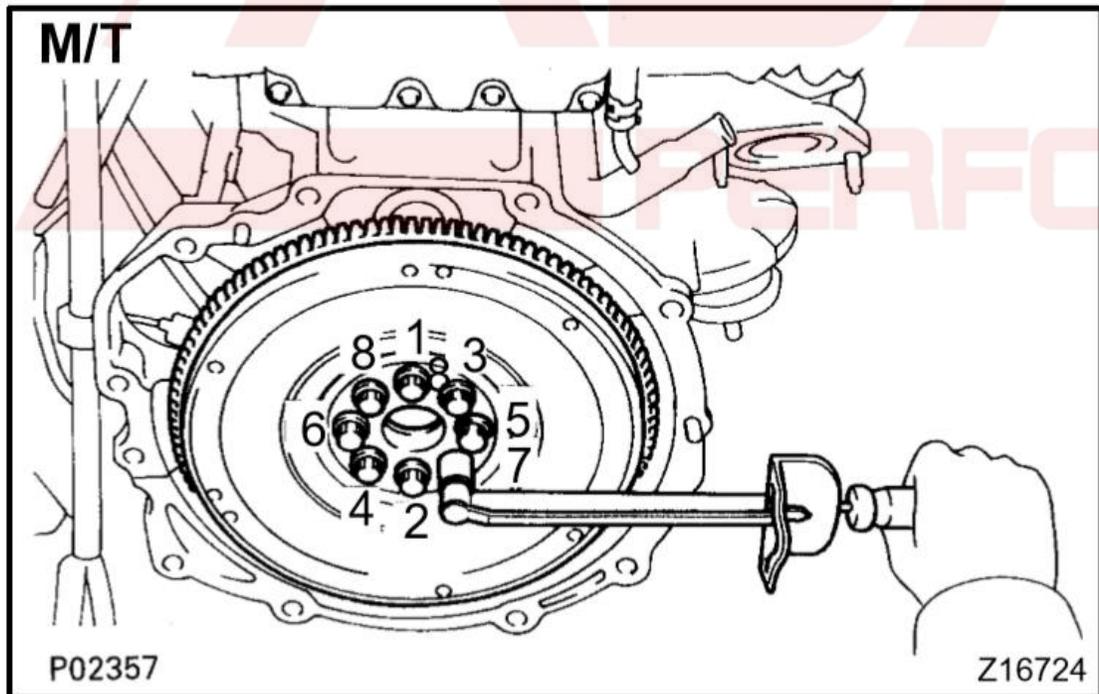
**TO LONG BOLTS CAN BLOCK CRANNKSHAFT.**

-use lubricant SOFT thread locker

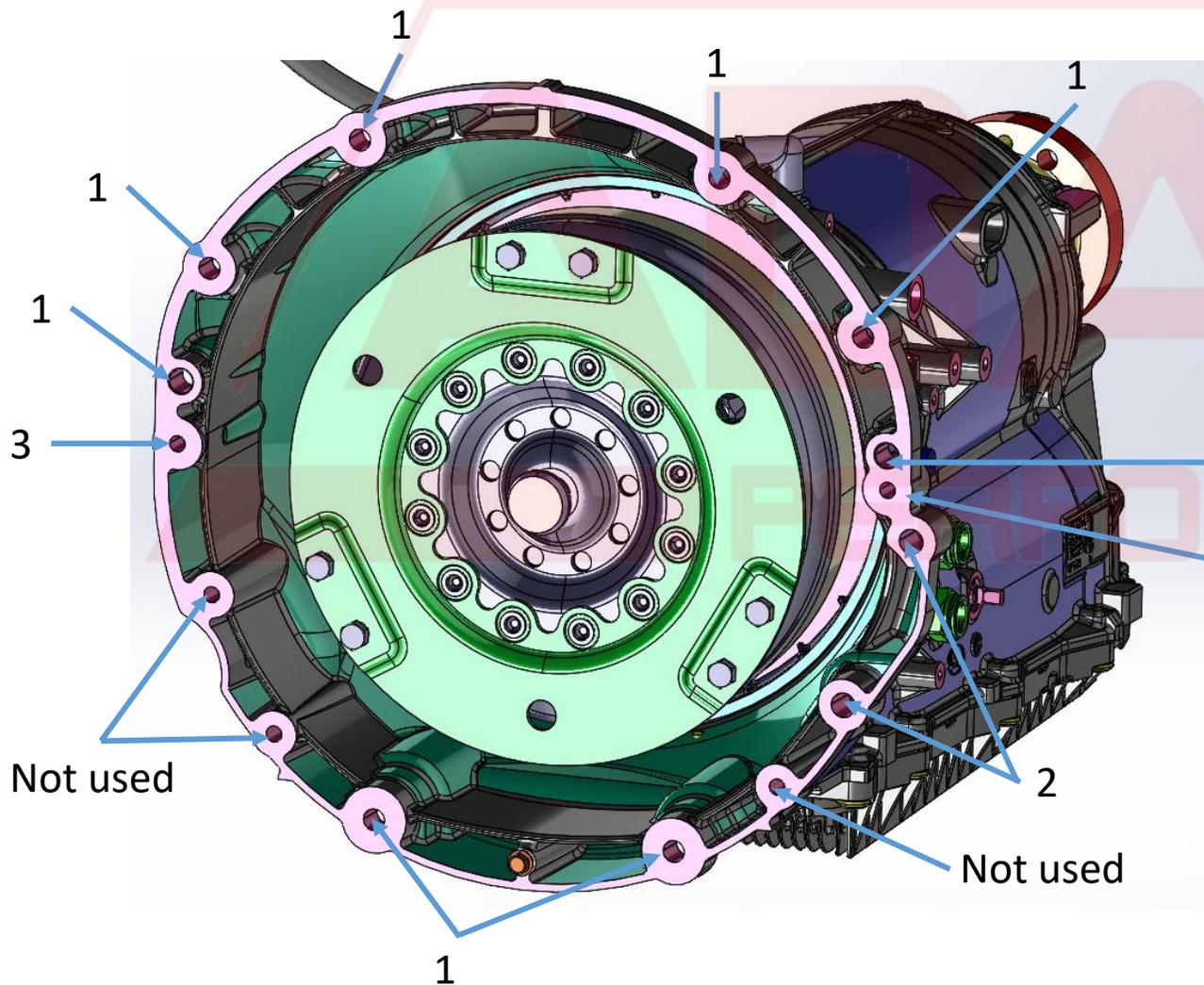
-first stage 49Nm

-Secound stage 65Nm

-final stage 92Nm



4. Assy transmission with torque converter on engine.  
Bolts chart.



N o	Bolts type	Size	Qty
1	DIN912	M10x35	7
2	DIN912	M10x40	2
3	DIN912	M8x40 Positioning dowel pin in adapter	1
4	DIN912	M8x45	2
	Dowel 14,5	Assembled in adapter plate	2

Only positioning  
Hole for dowel pin in adapter

DIN912



Depending on the production year of the transmission, there are two different converter shaft sizes:

-For older transmissions:

The converter shaft diameter is approximately 34mm.

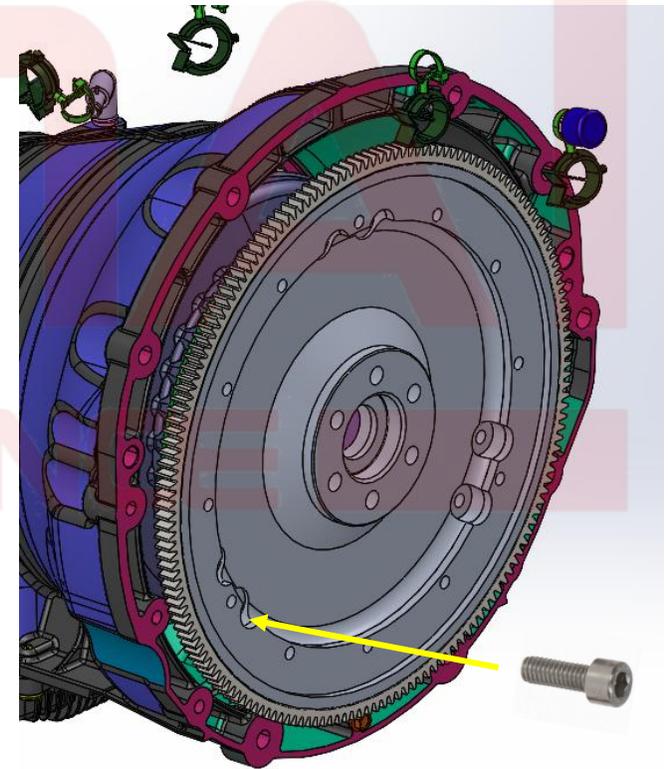
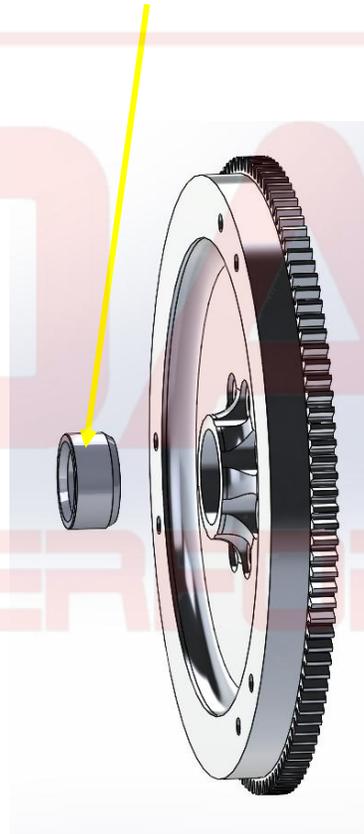
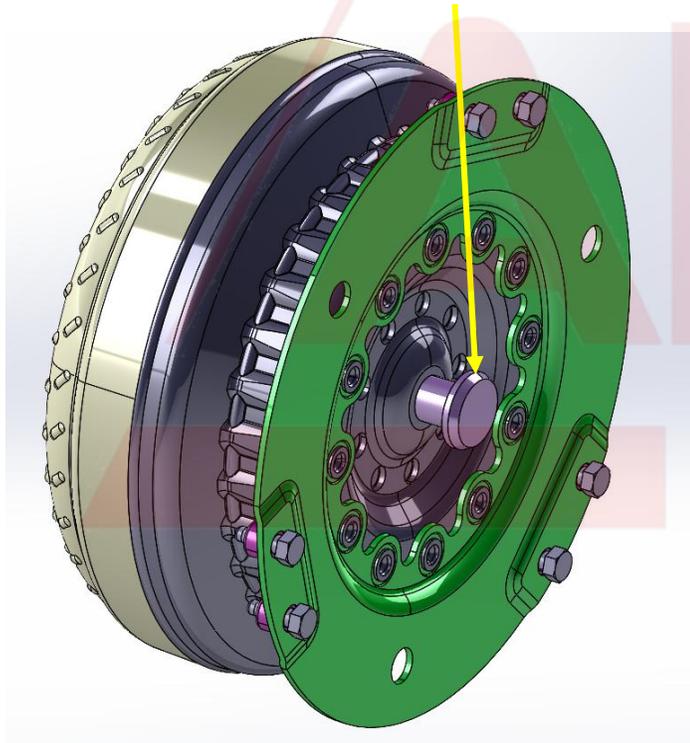
-For newer transmissions:

The converter shaft diameter is approximately 46mm.

To install the reduction ring in the flywheel by pressing it, for a gearbox with a pin diameter of approximately 34mm.

Secure the converter using 6x DIN6921 M8x35 screws, with a minimum grade of 10.9 and a final torque of 67Nm.

Use LOCTITE SOFT THREAD LOCKER adhesive.



5. Assy transmission with torque converter on engine (Example View).

- 2 Torque for bolts from kit DIN912 6x M8x50 12.9class  
Use loctite 243 soft thread locker  
-final stage 47Nm

