

Manual with instalation proces BMW N54 / N55 / S55 enignes  
with automatic BMW ZF 8HP45 / 8HP50 / 8HP55 / 8HP70 /8HP75X 6 bolts torque converter

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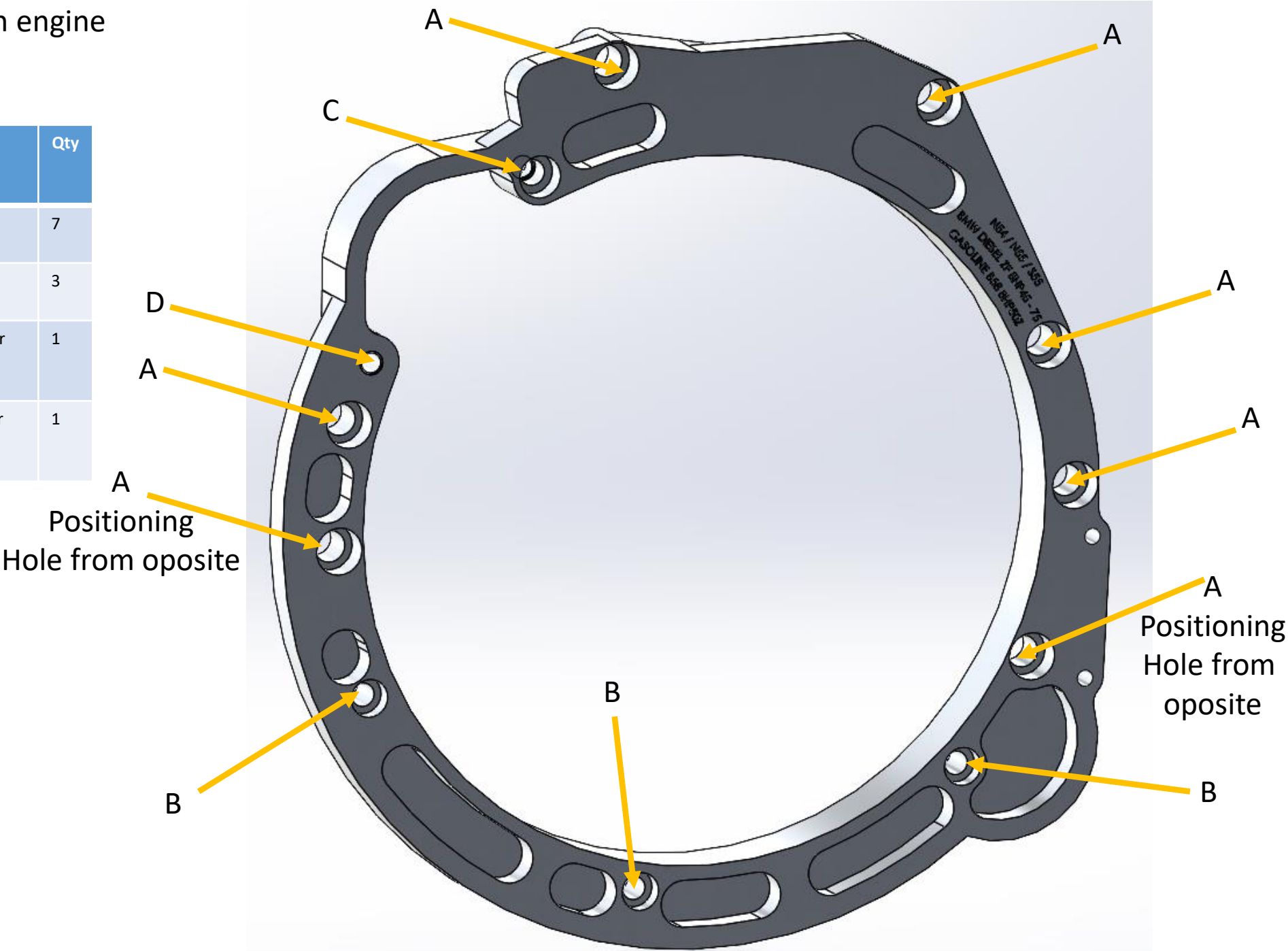
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1. Adapter installation on engine

| No | Bolts type | Size                                           | Qty |
|----|------------|------------------------------------------------|-----|
| A  | DIN912     | M12x35                                         | 7   |
| B  | DIN7984    | M8x35                                          | 3   |
| C  | DIN912     | M10x50 Assembled in starter motor              | 1   |
| D  | DIN912     | M10x40 assembled in starter motor from oposite | 1   |



DIN 912



2. flex plate instalation.

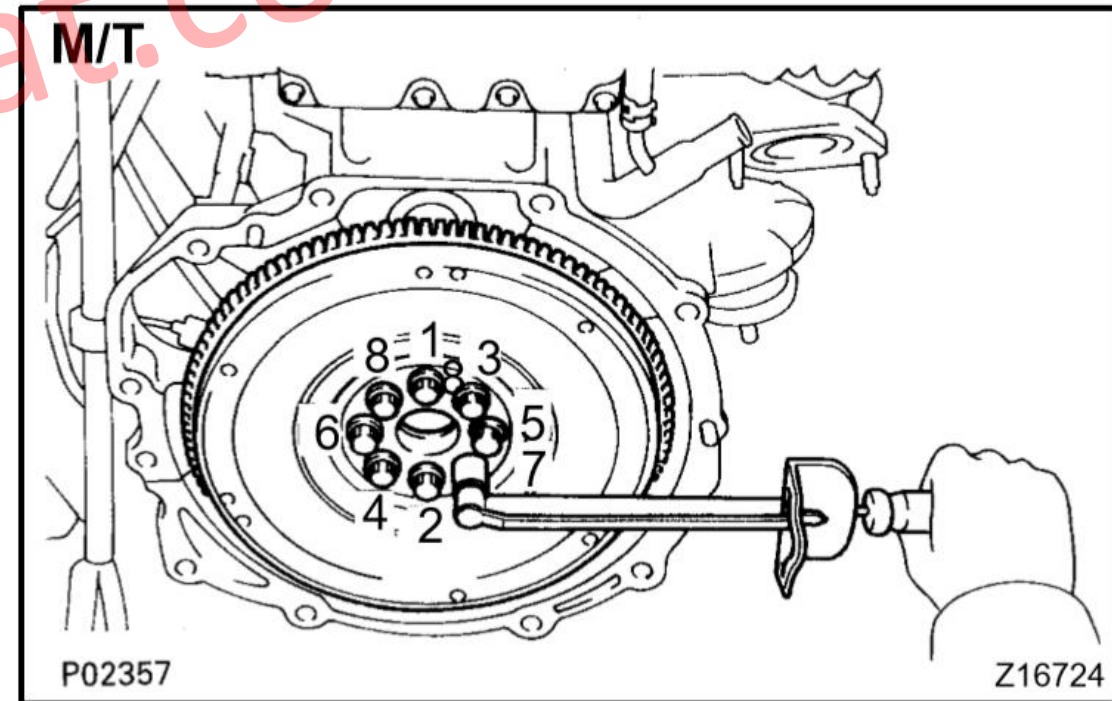
**BOLTS AND FLEXPLATE NOT INCLUDED IN STANDARD KIT.**

N54 8 bolts flexplate – BMW OEM [11227553157](#)

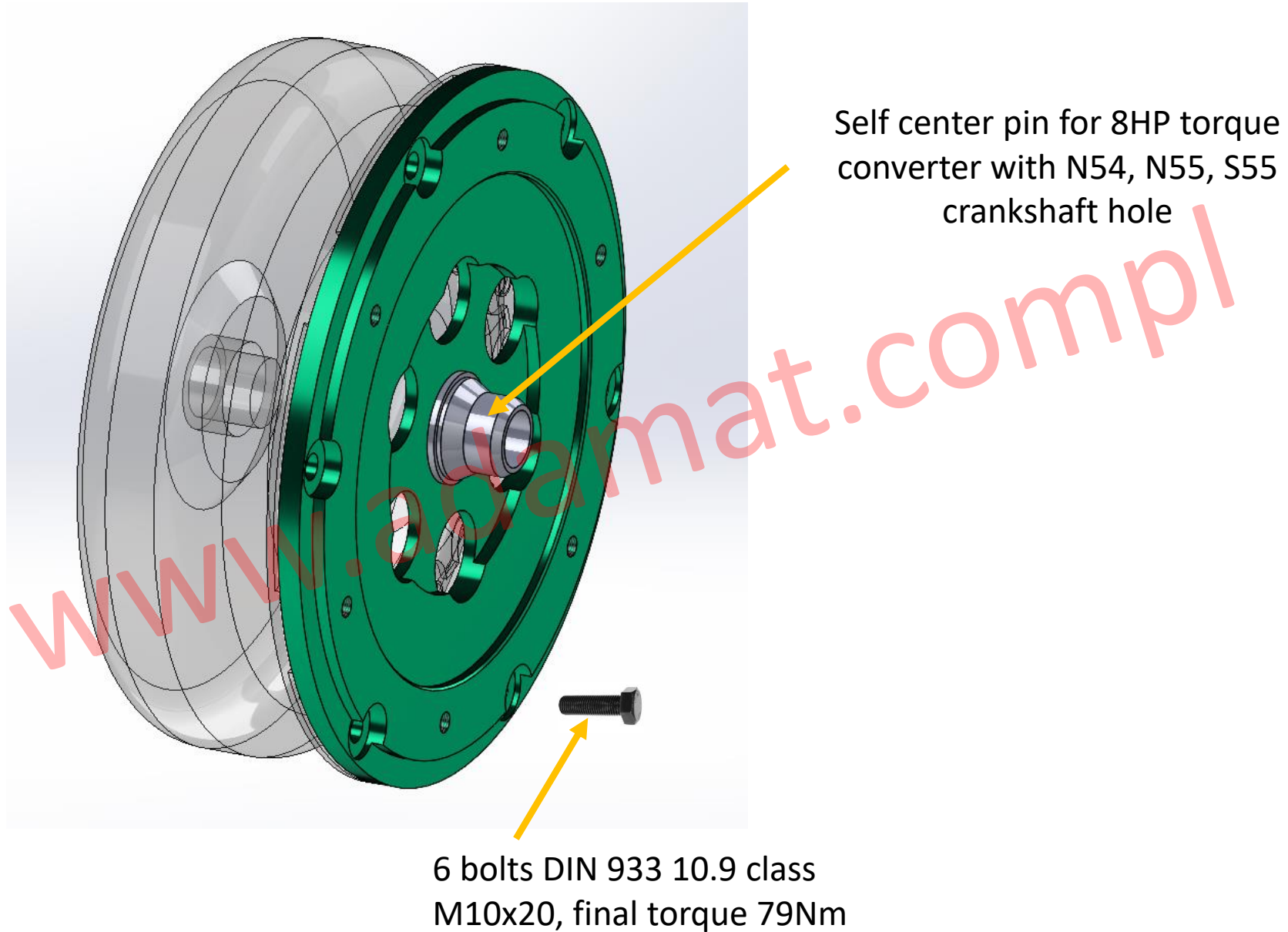
N55/S55 6 bolts flexplate – BMW OEM [11228604045](#)

**Torque for OEM bolts [11227522125](#) :**

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



### 3. Torque adapter installation on converter.



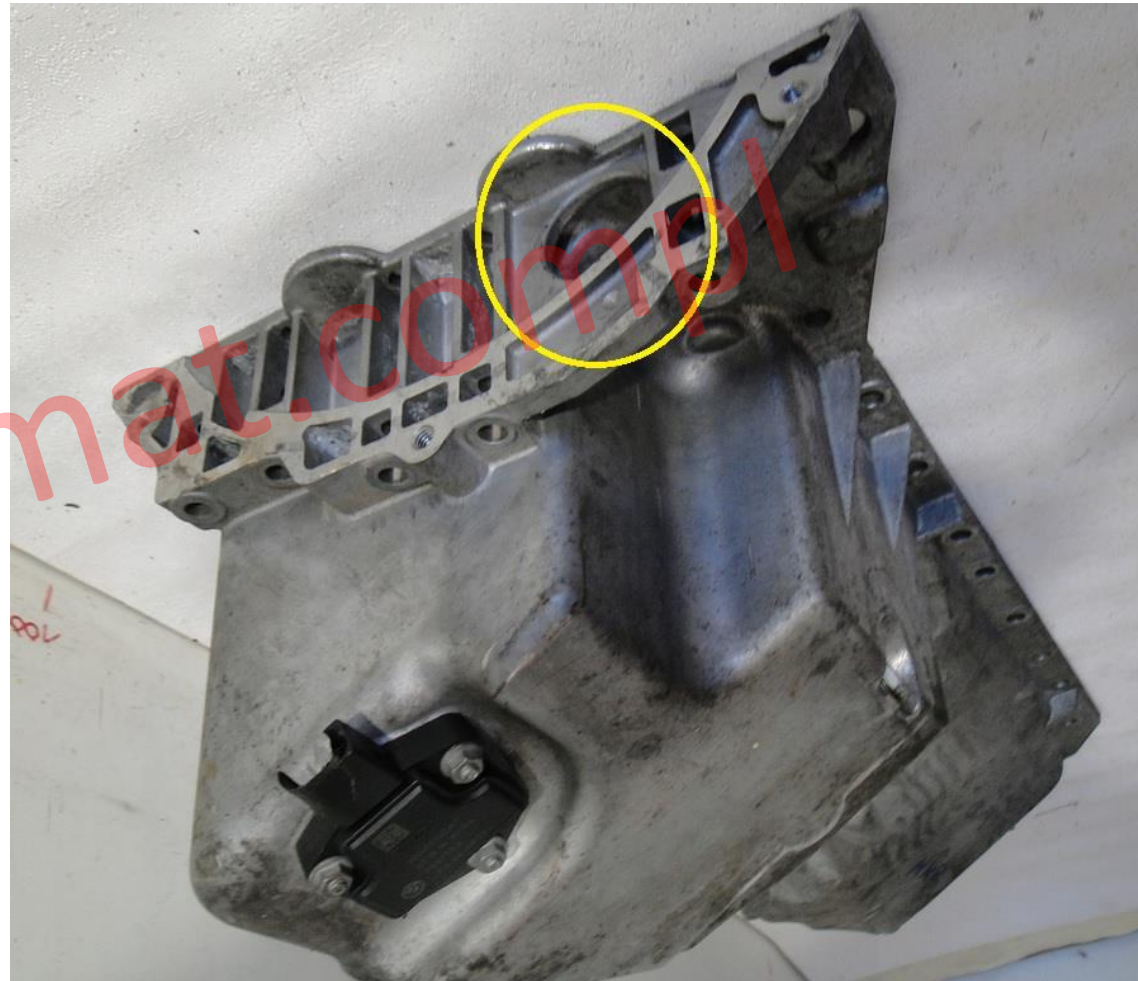
#### 4. Assy transmission with torque converter on engine with standard procedure.

For torque converter please use OEM 6pcs BMW bolts [24407561393](#),  
you can use also 6 bolts DIN 933 10.9 class M10x17

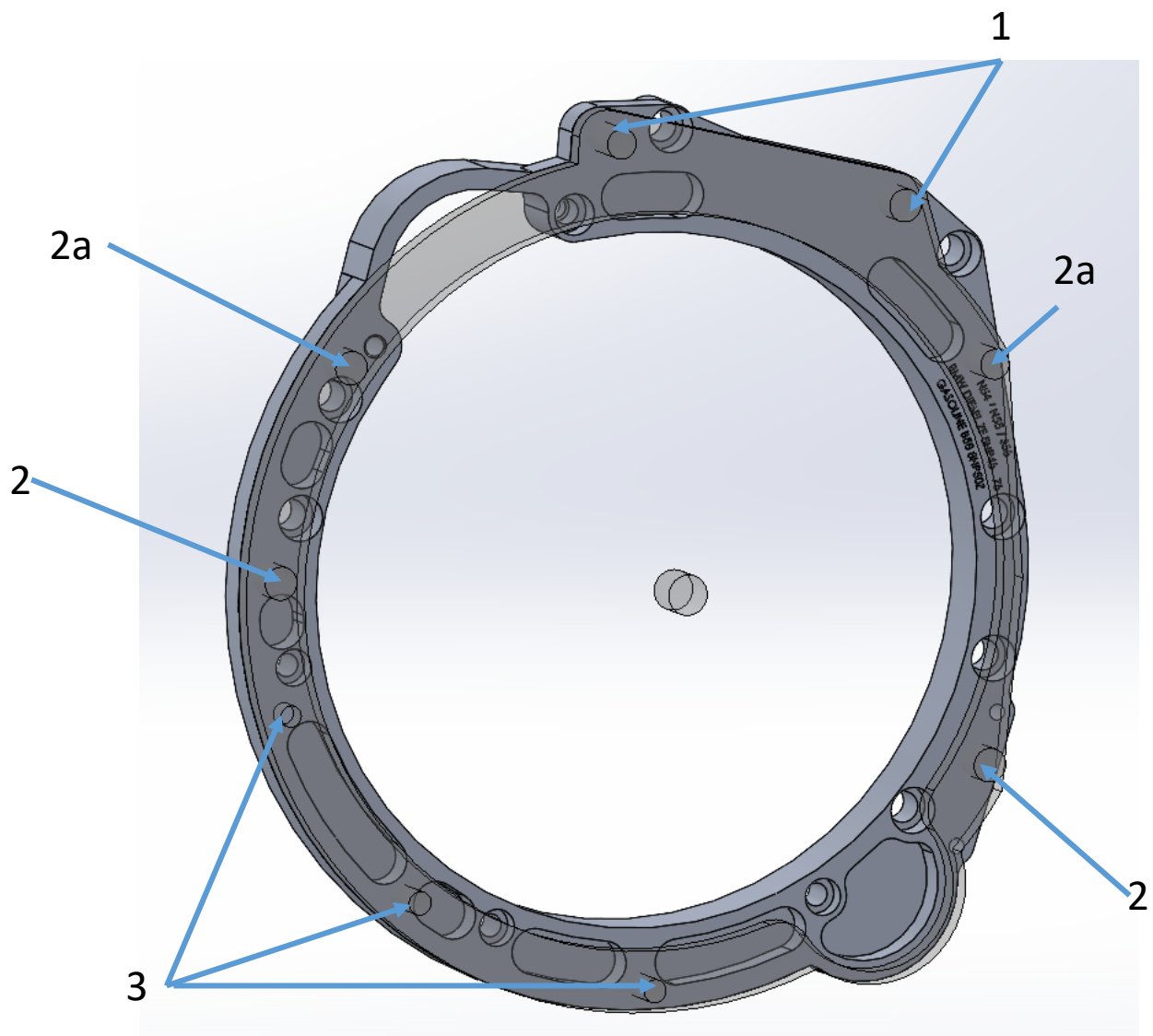
##### **Torque for bolts**

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

Photo show revision hole in example N54  
Sump for torque converter bolt assembly.



Assy transmission with torque converter on engine bolts chart.



| N<br>o | Bolts type | Size                                   | Qty |
|--------|------------|----------------------------------------|-----|
| 1      | DIN912     | M12x1,5x40                             | 2   |
| 2      | DIN912     | M12x1,5x60 in dowel pin 14.5 two holes | 2   |
| 2a     | DIN912     | M12x1,5x60                             | 2   |
| 3      | DIN912     | M8x45                                  | 3   |
|        | Dowel 14,5 | Assembled in adapter plate             | 2   |