

ASSEMBLY & INSTALLATION NOTES

JUBU Drexler Limited Slip Differential (JU00189PRD)

for Toyota EA60

Please follow the instructions in this manual for a proper assembly & installation of the JUBU Drexler limited slip differential Toyota EA60.

Please find in this document:

1. PART LIST
2. ASSEMBLY & INSTALLATION NOTES
3. OPERATION NOTES

1. PART LIST for product JU00189PRD

#	ITEM	ART-NO.	UNITS
1	Drexler Limited Slip Differential	JU00189PRD	1



Fig 1: Scope of delivery

2. ASSEMBLY & INSTALLATION NOTES

Level of difficulty: **MEDIUM**

Required time: **1,5h - 3h** (depends on experience, available tools & skills)

1. Disassemble the OEM differential from the gearbox and remove the crownwheel.
2. Heat up the crownwheel on a stove plate. (maximum temp. 120°)
3. Bolt the crownwheel on the new Drexler LSD (1) with 4x OEM bolts which are tightened diagonally using an impact wrench about 80NM.
4. Wait until the assembly has cooled down and remove the 4 bolts.
5. Put *LOCTITE 243 screw locking lacquer* on the OEM bolts for the crownwheel and tighten them diagonally with the impact wrench. Finally tighten the bolts with 140NM.
6. Remove the roller bearing from the OEM differential and press it onto the Drexler LSD (1).
7. Check clearance (should be about 1mm) in the blue marked area. If you have not enough clearance please grind the in Fig. 2 blue-marked protrusion flush with the surrounding surface to avoid contact with the housing.

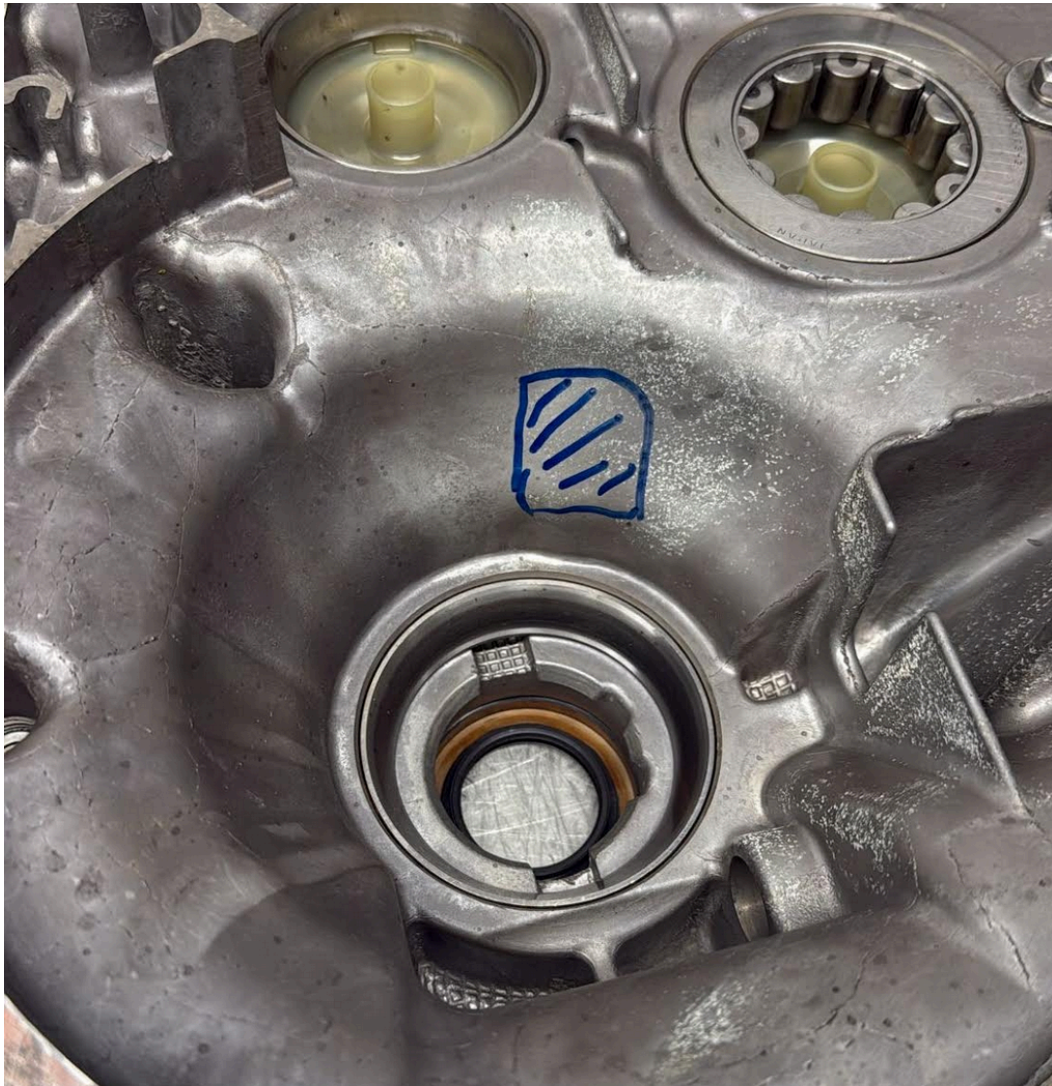


Fig 2: Machine the marked area if necessary

8. Install the LSD assembly into the gearbox case and reassemble the gearbox.

3. OPERATION NOTES/ Gear oil recommendation

1. We recommend Motul Gear Competition 75W140 gearbox oil (including LSD additive) for fast road and trackday or track applications. If you live in a cold climate region or use your car only on the road please use 75W90 gearbox oil (which includes LSD additive). The thinner oil helps and makes cold shifts easier! With 75W140 it can happen that you have to warm up your gearbox and your gear changes feel a bit stiff in the first 5 minutes!

If you have any questions or need additional information, please contact us by email:

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