CLUTCH FITTING TECHNICAL NOTE



835033

Pour/Fo ENAULT Espace III (96>200?)

aguna (94 > 2000)

VTS 20/10/09 15:08 8







After disassembling the gearbox from the engine :

1. Check engine crank shaft seal : Verify that there is not oil contaminating the flywheel. In case of presence of oil leack remove the flywheel and change the crankshaft seal and reassemble the flywheel.

MADE IN SPAIN

- 2. Check gearbox imput shaft splines checking that there is not damaged or show excessive wear along the spline length.
- 3. Check Flywheel Fixing Bolts.

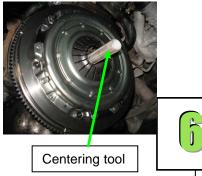
KIT 3 PIEZAS (KIT 2 PIEZAS + VOLANTE RIGIDO) KIT 3 PEZZI (KIT 2 PEZZI + VOLANO RIGIDO)

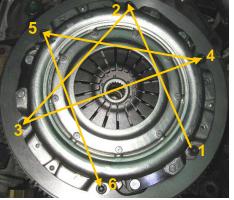
مجموعة القايض

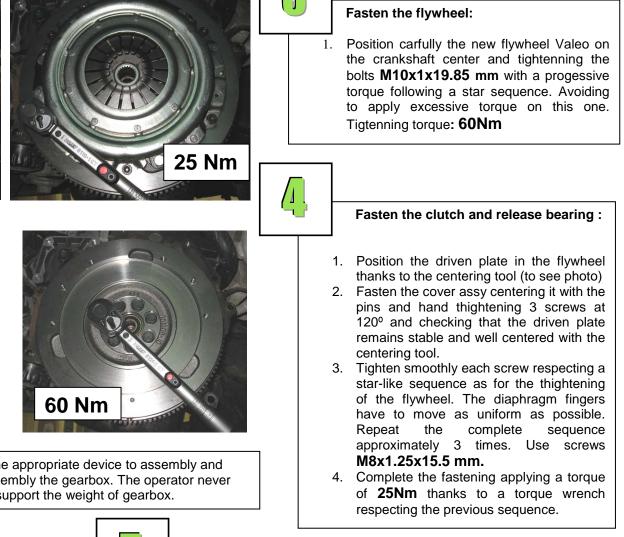
- 4. Check Flywheel Friction surface .If there are cracks and/or excessive wear of the friction surface, or blue color due to heating, change the flywheel.
- 5. Check the gear box input shaft seal : Verify that there is not oil comming from the gear box.In case of presence of oil repair the gear box changing the input shaft seal.
- 6. Check the hydraulic bearing:
 - a. Check that the bearing is well rotating under axial hand load: smooth rotation without hard points
 - b. check the wear on the bearing contact ring with the diaphragm . the marks of contact have to be not excessive (less than 0,5mm)
 - c. check that there is not oil comming from the interior of the hydraulic bearing
- 7. Check that the push road at receiver cylinder can move sliding smooth when is pushed and it don't leak oil.



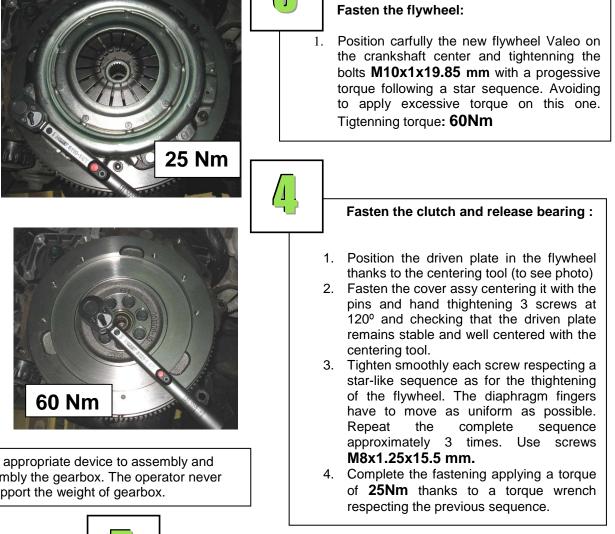
quantity of grease













driving conditions.

- Check there is not abnormal clutch sliding in

Use the appropriate device to assembly and disassembly the gearbox. The operator never must support the weight of gearbox.

		51	Re-assemble
		1. 2. 3. 4.	Check that Position the gearbox we Introduce th Take care t
	After the assembly		rotate the ci
Verify that the clutch is well working:		Avoid that the weight during the assembly.	
	 Disengage and reengage the clutch shifting each gear ratio (including reverse) Check that there is not abnormal noise when engaging and disengaging operation In neutral speed up to 4.000 rpm and check that there's not abnormal vibration or noises. 	5. 6.	Check that the centerin Finally faste the appropr

Prepare the clutch for assembly :

- 1. Apply a small quantity of grease in the hub splines at approximatly 5 mm of the hub extremity
- 2. Position the driven plate in the flywheel thanks to the centering tool.
- 3. Fasten the cover assy centering it with the pins and hand thightening 3 screws at 120° and checking that the driven plate remains stable and well centered with the centering tool.
- 4. Use Valeo bolts (**M8x1.25x15.5**)



le the gearbox

the block pins are existing and that they are not damaged. he gearbox coaxially with the engine crankshaft, supporting the eight with the appropriate tools.

the gearbox input shaft into the driven plate hub spline.

that the input shaft be introduced without shock. If necessary crankshaft to make easier the input shaft fitting.

nt of the gearbox be supported by the driven plate of the clutch

the gearbox is in full contact with the engine block and that ing pins are well fitted

ten the gearbox to the engine block tightening the screws with priate torque.