

## Discovery 3

## 2.7 Auto

Component	Manual ref	Sub-component	No. Fixings	Fixing	Torque		Additional Adjustment
					nm	ftlbs	
Transmission	12.41.01.99	Flex plate	4	Bolt	45	33	
	12.41.01.99	Fluid lines	2		10	7	
	12.41.01.99	Bell housing	15	Bolt	45	33	
	12.41.01.99	Cooler pipes		Bolt	10	7	
	44.20.01	Selector Lever	1	Nut	12	9	
	44.20.01	Selector Cable bracket	2	Bolt	10	7	
Exhaust	12.41.01.99	Exhaust X-Over	2x3	Nut	22	16	
			2x3	Bolt	10	7	
	12.41.01.99	X-over Heatshield retainer		Bolt	10	7	
	12.41.01.99	X-over support brackets	3x2	Bolt	25	18	
	12.41.01.99	Attach trans wiring harness to LH bracket					
	12.41.01.99	Turbo support bracket	2	Bolt	22	16	
	12.41.01.99	Turbo support bracket	1	Nut	22	16	
Front Drive shaft	47.15.02	Front axel and transfer case should 'mark-up' upon removal	2x6	Torx	45	33	then plus 90 degrees or 1/4 turn
Engine	12.41.01.99	Mounts	2	Nut	90	66	
	12.41.01.99	EGR coolant crossover	2	Bolts	13	10	
A/c compressor	12.41.01.99	Low pressure line	1	Bolt	9	7	
Steering	57.40.22	Intermediate Shaft lower	1	Bolt	25	18	
	57.40.22	Intermediate Shaft upper	2	Grommets			
Flexplate (sequence next)		Tighten the Torx bolts progressively in 3 stages.	12?	Bolts	50	37	then 45 degrees 1/8th turn then 45 degrees 1/8th turn Total 1/2 turn
Flexplate/TC	12.41.01.99	Flexplate to TC	4	Bolts	45	33	
Knock Sensors		Knock sensors (under glow plug array on each bank)	2	Bolts	20	14	Very important they crack

Tighten the four retaining bolts to 45 Nm (33 lb.ft).