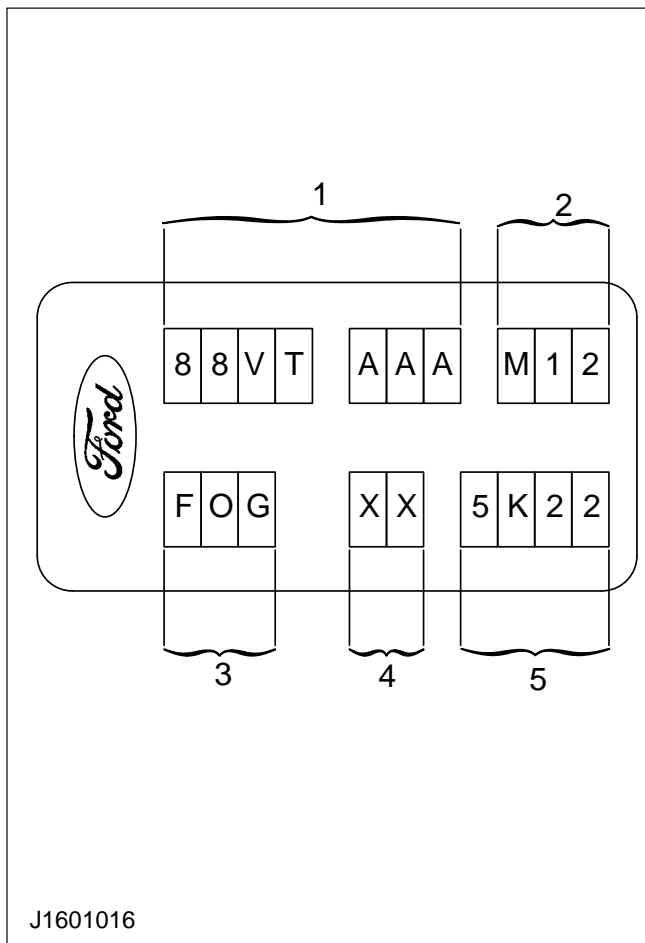


General Specifications



Transmission identification sticker

- 1 Transmission part number (prefix and suffix)
- 2 Transmission type (for conformation purposes)
- 3 Country of manufacture:
 - FOB = Ford of Britain
 - FOG = Ford of Germany
 - FOF = Ford of France
- 4 For service information
- 5 Build date

Key to Build Date

Year	Month	Month	Day
5 = 1995	A = January	G = July	01 to 31
6 = 1996	B = February	H = August	
7 = 1997	C = March	J = September	
8 = 1998	D = April	K = October	
9 = 1999	E = May	L = November	
etc.	F = June	M = December	

Transmission Ratios

Engine	1st gear	2nd gear	3rd gear	4th gear	5th gear	Reverse gear
2,0 DOHC 8V	3,89	2,08	1,34	1,00	0,82	3,51
2,0 DOHC 16V	3,61	2,08	1,44	1,00	0,83	3,26
2,3 DOHC 16V MY '97	3,61	2,08	1,44	1,00	0,83	3,26
2,3 DOHC 16V MY '98	3,61	2,08	1,36	1,00	0,76	3,26
2,5l TCI Diesel	3,61	2,08	1,36	1,00	0,76	3,26

Transmission Installation Overview

Engine	Rear Axle Ratio	Tyre Size							Number of Teeth	
		195/65 15	205/60 15	215/60 15	225/60 15	225/50 16	225/45 17 225/50 17 225/55 16	225/45 17	Speed-ometer cable	Speed-ometer drive pinion
2,0 DOHC 8V	4,09			X	X		X		7 no colour	23 blue
2,0 DOHC 8V	4,09	X	X			X		X	7 no colour	24 red
2,0 DOHC 16V	4,27			X	X		X		7 no colour	24 red
2,0 DOHC 16V	4,27	X	X			X		X	7 no colour	25 purple
2,5 TCI Diesel Engine	3,36						X		8 red	21 green
2,5 TCI Diesel Engine	3,36	X	X	X	X	X		X	8 red	22 yellow

Clutch

Engine	2,0 DOHC	2,0 DOHC-16V	2,5 TCI
Manufacturer	LUK	LUK	LUK / F & S
Type	Single-plate dry clutch	Single-plate dry clutch	Single-plate dry clutch
Size	215	215	242
Actuation	Hydraulic	Hydraulic	Hydraulic
Clutch lining (material)	Ferodo 3114F	Ferodo 3114F	Beral K202/1B
Lining outside diameter in mm	216	216	242
Lining inside diameter in mm	153	153	155,5
Lining thickness in mm	7,24	7,24	7,3
Number of torsion springs	12	None	10

Lubricants, Adhesives and Sealers

Description	Ford Specification
Transmission fluid	ESDM-2C186-A
Brake fluid (Super Dot 4)	ESDM-6C57-A
Sealer	ESKM-4G242-A
High-temperature grease	ESDM-1C220-A
Thread-locking compound Loctite 270	SDM-4G9107-A
Sealer for selector interlock mechanism plugs	ESKM-4G242-A

Capacity

Description	Litres
Transmission fluid	1,2
Oil level	0 – 5 mm below lower edge of check bore

Torques

General	Nm	lbf.ft
Engine undershield to front axle crossmember	19	14
Rear axle transverse brace	49	36
Front axle transverse brace	80	59
Coolant expansion tank (2,5 TCI)	5	4

Torques

Exhaust	Nm	lbf.ft
Exhaust manifold heat shield (2,0 DOHC 8V)	7	5
Catalytic converter to exhaust manifold (2,0 DOHC 8V)	41	30
Front exhaust pipe to turbocharger (2,5 TCI)	45	33
Catalytic converter to exhaust mounting bracket	47	35
Exhaust mounting bracket to transmission	44	32
Exhaust mounting bracket to transmission crossmember	47	35
Front to rear part of exhaust system	47	35
Turbocharger heat shield (2,5 TCI)	10	7
Turbocharger heat shield (2,5 TCI)	12	9

Torques

Clutch	Nm	lbf.ft
Clutch pressure plate to flywheel	30	22
Slave cylinder (complete with release bearing)	10	7
Bolt for hydraulic clutch pipe (2,5 TCI)	44	32
Master cylinder	10	7
Pressure pipe to master cylinder	14	10
Bleed nipple	14	10

Torques

Driveshaft	Nm	lbf.ft
Driveshaft to rear axle vibration damper	66	49
Driveshaft centre bearing to floor assembly	21	15
Driveshaft to transmission	78	58

Torques

Remove/install transmission	Nm	lbf.ft
Starter motor (2,0 DOHC 8V)	44	32
Starter motor and heat shield to transmission intermediate flange (2,5 TCI)	35	26

Torques

Heat shield bracket to starter motor (2,5 TCI)	12	9
Engine/transmission flange bolts	44	32
Transmission mounting bracket bolts (2,5 TCI)	44	32
Adaptor plate to transmission	11	8
Gearshift support bracket to transmission	11	8
Oil dipstick bracket	10	7
Transmission crossmember to floor assembly	36	27
Transmission crossmember to transmission	62	46

Torques

Dismantle/assemble transmission	Nm	lbf.ft
Mainshaft ball bearing retaining bolts	24	18
Gearshift gate to transmission housing	10	7
Front transmission housing to rear transmission housing	24	18
Reverse gear idler shaft to transmission housing	32	24
Reversing light switch	33	24
Locking plate locking screw to transmission housing	14	10
Threaded plug of selector shaft detent mechanism	24	18
Drive flange to mainshaft (nut can only be used once)	200	148
Input shaft guide sleeve	250	184
Countershaft bearing housing, stage 1	40	30
Countershaft bearing housing, stage 2 (loosen)	-80°	-80°
Countershaft bearing housing, stage 3 (tighten)	20°	20°
Countershaft bearing housing, minimum	6	4
Fixture of locking plate for bearing housing	25	18
Oil drain and filler plugs	35	26