

SERVICE SPECIFICATIONS

SERVICE DATA

FIG 13-04

Propeller shaft runout	Limit	0.8 mm (0.031 in.)
Spider bearing axial play		0.05 mm (0.0020 in.)
Spider bearing selection	Mark	
Bearing cup outer diameter	None	29.008 – 29.021 mm (1.1420 – 1.1426 in.)
	Red	29.028 – 29.041 mm (1.1428 – 1.1433 in.)
Bearing hole inner diameter	None	29.000 – 29.020 mm (1.1417 – 1.1425 in.)
	Drill	29.021 – 29.042 mm (1.1426 – 1.1434 in.)
Snap ring thickness	TMC – made	mark color
		1 – 2.100 – 2.150 mm (0.0827 – 0.0846 in.)
		2 – 2.150 – 2.200 mm (0.0846 – 0.0866 in.)
		3 – 2.200 – 2.250 mm (0.0866 – 0.0886 in.)
		– Brown 2.250 – 2.300 mm (0.0886 – 0.0906 in.)
		– Blue 2.300 – 2.350 mm (0.0906 – 0.0925 in.)
		6 – 2.350 – 2.400 mm (0.0925 – 0.0945 in.)
		7 – 2.400 – 2.450 mm (0.0945 – 0.0965 in.)
		8 – 2.450 – 2.500 mm (0.0965 – 0.0984 in.)
	DANA–made	color
		Blue 1.638 mm (0.0645 in.)
		Yellow 1.588 mm (0.0625 in.)
		Silver 1.537 mm (0.0605 in.)
		Copper 1.511 mm (0.0595 in.)
		Black 1.486 mm (0.0585 in.)
		Red 1.435 mm (0.0565 in.)
		Green 1.384 mm (0.0545 in.)

TORQUE SPECIFICATIONS

Part tightened	N-m	kgf-cm	ft-lbf
Front differential x Front propeller shaft (4WD)	74	750	54
Front propeller shaft x Transfer (4WD)	74	750	54
Propeller shaft x Rear differential	76	780	56
3VZ-E (M/T)	74	750	54
Ex. 3VZ-E (M/T)	74	750	54
Propeller shaft x Transfer	76	780	56
3VZ-E (M/T)	74	750	54
Ex. 3VZ-E (M/T)	74	750	54
Intermediate shaft x Propeller shaft (4WD)			
3VZ-E (M/T)	76	780	56
Ex. 3VZ-E (M/T)	74	750	54
Propeller shaft x Differential (2WD)	74	750	54
Intermediate shaft x Propeller shaft (2WD)	74	750	54
Center support bearing x Frame	36	370	27
Intermediate shaft x Center bearing x Joint flange			
1st	181	1,850	134
2nd		Loosen nut	
3rd	69	700	51
Front propeller shaft No.2 dust cover set bolts	17	175	13
Front propeller shaft No.2 dust cover set nut (w/VF1 A type transfer and A340H)	13	135	10
Front propeller shaft dust cover subassembly x Bracket	23	230	17
Front propeller shaft dust cover subassembly x Transfer	37	370	27
Propeller shaft protector x Frame	29	300	22