

SERVICE DATA AND SPECIFICATIONS (SDS)

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PF:00030

General Specifications

ADS000DG

Applied model	VQ35DE engine	
	A / T	M/T
Final drive model	R200 (2-pinion)	
Gear ratio	3.357	3.538
Number of teeth (Drive gear / drive pinion)	47 / 14	46/13
Oil capacity (Approx.)	1.4 liter (3 US pt, 2 - 1/2 Imp pt)	

Drive Gear Runout

ADS000DH

Unit: mm (in)

Type	R200
Drive gear runout limit	0.05 (0.0020) less

Side Gear Adjustment

ADS000DI

Unit: mm (in)

Type	R200
Clearance limit between side gear and differential case mm (in)	0.20 (0.0079) less

AVAILABLE SIDE GEAR THRUST WASHERS

Unit: mm (in)

Type	R200	
	Thickness	Part number
Thrust washer	0.75 (0.0295)	38424 0C000
	0.78 (0.0307)	38424 0C001
	0.81 (0.0319)	38424 0C002
	0.84 (0.0331)	38424 0C003
	0.87 (0.0343)	38424 0C004
	0.90 (0.0350)	38424 0C005
	0.93 (0.0366)	38424 0C006

Drive Pinion Height Adjustment

ADS000DJ

AVAILABLE PINION HEIGHT ADJUSTING WASHERS

Unit: mm (in)

Type	R200	
	Thickness	Part number
Adjusting washer	3.05 (0.1201)	38154 0C000
	3.08 (0.1213)	38154 0C001
	3.11 (0.1224)	38154 0C002
	3.14 (0.1236)	38154 0C003
	3.17 (0.1248)	38154 0C004
	3.20 (0.1260)	38154 0C005
	3.23 (0.1272)	38154 0C006
	3.26 (0.1283)	38154 0C007

Drive Pinion Preload Adjustment

ADS000DK

Type	R200
Drive pinion preload	2.65 – 3.23 N·m (0.27 – 0.32 kg-m, 24 – 28 in lb)