SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (S	5D2)	PFP:00030
General Specifications WWD MODEL		AD\$001AZ
Applied model	VQ35DE	
	A/T	M/T
Final drive model	R200	R200V (With LSD)
Gear ratio	3.357	3.538
Number of teeth (Drive gear/Drive pinion)	47/14 46/13	
Oil capacity (Approx.) ℓ (US pt, Imp pt)	1.4 (3	, 2-1/2)
Number of pinion gears	2	4
Drive pinion adjustment spacer type	Colla	psible
AWD MODEL		
Applied model	VQ35DE	
, ,pp.,, a, 5451	A/T	
Final drive model	R200	
Gear ratio	3.538	
Number of teeth (Drive gear/Drive pinion)	46/13	
Oil capacity (Approx.) ℓ (US pt, Imp pt)	1.4 (3	, 2-1/2)
Number of pinion gears		2
	Collapsible	
Drive pinion adjustment spacer type nspection and Adjustment DRIVE GEAR RUNOUT	Colla	apsible ADS001B0
Drive pinion adjustment spacer type Inspection and Adjustment DRIVE GEAR RUNOUT Item		·
nspection and Adjustment DRIVE GEAR RUNOUT	Runo	ADS001B0 Unit: mm (in)
Inspection and Adjustment ORIVE GEAR RUNOUT Item Drive gear back face	Runo	ADS001B0 Unit: mm (in) ut limit
Inspection and Adjustment DRIVE GEAR RUNOUT	Runo	ADS001B0 Unit: mm (in) ut limit
Inspection and Adjustment ORIVE GEAR RUNOUT Item Drive gear back face	Runo 0.05 (0.06 Speci	Unit: mm (in) out limit 020) or less Unit: mm (in)
Inspection and Adjustment ORIVE GEAR RUNOUT Item Drive gear back face DIFFERENTIAL SIDE GEAR CLEARANCE	Runo 0.05 (0.00 Speci R200	Unit: mm (in) Out limit O20) or less Unit: mm (in) fication R200V (With LSD)
Inspection and Adjustment ORIVE GEAR RUNOUT Item Drive gear back face DIFFERENTIAL SIDE GEAR CLEARANCE	Runo 0.05 (0.06 Speci	Unit: mm (in) out limit 020) or less Unit: mm (in)
Inspection and Adjustment DRIVE GEAR RUNOUT Item Drive gear back face DIFFERENTIAL SIDE GEAR CLEARANCE Item Side gear backlash (Clearance between side gear and differential	Runo 0.05 (0.00 Speci R200 0.2 (0.008) or less (Each gear should rotate smoothly without excessive resistance during differential	Unit: mm (in) Unit: mm (in) Unit: mm (in) Unit: mm (in) Fication R200V (With LSD) 0.15 (0.0059) or less (Each gear should rotate smoothly without excessive resistance during differential
Inspection and Adjustment DRIVE GEAR RUNOUT Item Drive gear back face DIFFERENTIAL SIDE GEAR CLEARANCE Item Side gear backlash (Clearance between side gear and differential case)	Runo 0.05 (0.06 Speci R200 0.2 (0.008) or less (Each gear should rotate smoothly without excessive resistance during differential motion.)	Unit: mm (in) Out limit Out limit Unit: mm (in) Unit: mm (in) fication R200V (With LSD) 0.15 (0.0059) or less (Each gear should rotate smoothly without excessive resistance during differential motion.)
Inspection and Adjustment DRIVE GEAR RUNOUT Item Drive gear back face DIFFERENTIAL SIDE GEAR CLEARANCE Item Side gear backlash (Clearance between side gear and differential case) PRELOAD TORQUE	Runo 0,05 (0,0) Speci R200 0.2 (0,008) or less (Each gear should rotate smoothly without excessive resistance during differential motion.) Speci	Unit: mm (in) Unit: mm (in) Unit: mm (in) Unit: mm (in) fication R200V (With LSD) 0.15 (0.0059) or less (Each gear should rotate smoothly without excessive resistance during differential motion.) Unit: N·m (kg-m, in-lb)
Item Drive gear back face DIFFERENTIAL SIDE GEAR CLEARANCE Item Side gear backlash (Clearance between side gear and differential case) PRELOAD TORQUE	Runo 0.05 (0.06 Speci R200 0.2 (0.008) or less (Each gear should rotate smoothly without excessive resistance during differential motion.) Speci 2.65 - 3.23 (0.2	Unit: mm (in) O20) or less Unit: mm (in) fication R200V (With LSD) 0.15 (0.0059) or less (Each gear should rotate smoothly without excessive resistance during differential motion.) Unit: N·m (kg-m, in-lb)
Item Drive gear back face DIFFERENTIAL SIDE GEAR CLEARANCE Item Side gear backlash (Clearance between side gear and differential case) PRELOAD TORQUE Item Pinion bearing (P1)	Runo 0.05 (0.00 0.05 (0.00 R200 0.2 (0.008) or less (Each gear should rotate smoothly without excessive resistance during differential motion.) Speci 2.65 - 3.23 (0.2 0.20 - 0.52 (0.	Unit: mm (in) Unit: mm (in) Unit: mm (in) Unit: mm (in) fication R200V (With LSD) 0.15 (0.0059) or less (Each gear should rotate smoothly without excessive resistance during differential motion.) Unit: N·m (kg-m, in-lb) fication 7 - 0.32, 24 - 28)
Item Drive gear back face DIFFERENTIAL SIDE GEAR CLEARANCE Item Side gear backlash (Clearance between side gear and differential case) PRELOAD TORQUE Item Pinion bearing (P1) Side bearing (P2) Side bearing to pinion bearing (Total preload)	Runo 0.05 (0.00 0.05 (0.00 R200 0.2 (0.008) or less (Each gear should rotate smoothly without excessive resistance during differential motion.) Speci 2.65 - 3.23 (0.2 0.20 - 0.52 (0.	Unit: mm (in) Unit: mm (in) Unit: mm (in) Unit: mm (in) It imm (in
Item Drive gear back face DIFFERENTIAL SIDE GEAR CLEARANCE Item Side gear backlash (Clearance between side gear and differential case) PRELOAD TORQUE Item Pinion bearing (P1) Side bearing (P2) Side bearing to pinion bearing (Total preload) (Total preload = P1 + P2)	Runo 0.05 (0.00 Speci R200 0.2 (0.008) or less (Each gear should rotate smoothly without excessive resistance during differential motion.) Speci 2.65 - 3.23 (0.2 0.20 - 0.52 (0.2 2.85 - 3.75 (0.2)	Unit: mm (in) Unit: mm (in) Unit: mm (in) Unit: mm (in) Indication R200V (With LSD) 0.15 (0.0059) or less (Each gear should rotate smoothly without excessive resistance during differential motion.) Unit: N·m (kg-m, in-lb) Indication Unit: N·m (kg-m, in-lb) Unit: N·m (kg-m, in-lb)