

Driveshaft and Axle

GENERAL

@alyance,

DS -2

DRIVESHAFT AND AXLE

GENERAL

SPECIFICATION EA00B72E

PROPELLER SHAFT

Items			Specification
Joint type	Front		UJ + UJ
	Rear		UJ + UJ
Length X O.D. (mm(in))	Front(4WD)	Diesel 2.5 VGT A/T	675 X 63.5 (26.57 X 2.50) (Blue)
		Diesel 2.5 VGT M/T	640.8 X 63.5 (25.23 X 2.50) (Green)
		Diesel 2.5 WGT A/T, M/T	660.4 X 63.5 (26.00 X 2.50) (Yellow)
		Gasoline 3.3/3.8 A/T	625.5 X 63.5 (24.63 X 2.50) (Silver)
	Rear(4WD)	Diesel 2.5 VGT A/T	1123 X 76.2 (44.21 X 3.00) (Blue)
		Diesel 2.5 VGT M/T	1156 X 76.2 (45.51 X 3.00) (Green)
		Diesel 2.5 WGT A/T, M/T	1137 X 76.2 (44.76 X 3.00) (Yellow)
		Gasoline 3.3/3.8 A/T	1172 X 76.2 (46.14 X 3.00) (Silver)
	Rear(2WD)	Diesel 2.5 VGT A/T	1462.8 X 76.2 (57.59 X 3.00) (Green)
		Diesel 2.5 WGT A/T	1476 X 76.2 (58.11 X 3.00) (Blue)
		Diesel 2.5 WGT M/T	1496 X 76.2 (58.90 X 3.00) (Yellow)
		Gasoline 3.3/3.8 A/T	1531.6 X 76.2 (60.30 X 3.00) (Silver)
Run-out (mm(in))			0.3 (0.01)

UJ : Universal Joint

O.D. : Outer Diameter

GENERAL

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FRONT AXLE AND DRIVESHAFT

Items			Specification
Front axle hub bearing type			Double taper roller bearing
Driveshaft joint type (4WD)		Outer	BJ
		Inner	TSJ
Differential (4WD)	Reduction gear type		Hypoid gear
	Reduction ratio	Diesel 2.5 WGT M/T	4.181 (White)
		Diesel 2.5 VGT M/T	3.727 (Red)
		Diesel 2.5 WGT A/T Diesel 2.5 VGT A/T	3.333 (Green)
		Gasoline 3.3/3.8 A/T	3.333 (Green)

BJ : Birfield Joint, TSJ : Three Spherical Joint

REAR AXLE AND AXLE SHAFT

Items			Specification
Axle housing type			Banjo type
Axle shaft supporting type			Semi-floating type
Differential	Reduction gear type		Hypoid gear
	Reduction ratio	Diesel 2.5 WGT M/T	4.181 (White)
		Diesel 2.5 VGT M/T	3.727 (Red)
		Diesel 2.5 WGT A/T Diesel 2.5 VGT A/T	3.333 (Green)
		Gasoline 3.3/3.8 A/T	3.333 (Green)

LUBRICANTS EA02CDDC

Items		Specification	Quantity
Driveshaft	BJ Boot grease	Repair kit grease	210g
	TSJ Boot grease	Repair kit grease	150g
Differential	Hypoid gear oil	SAE90, API GL-5 (MOBIL : MOBIL LUBE HD, SHELL : SHELL SPIRAX HD)	(Fill the reservoir to the plug hole) Front : 1.3L Rear : 1.6L
	LSD oil	SAE 85W-90, API GL-5 (MOBIL : INFILREX 33, SK : G-LS)	