

G 026

TRUCK, 1/4 TON, GS, LANDROVER

TECHNICAL DATA SUMMARY

TABLE 1 - TEST AND TEST EQUIPMENT

Component/Assy	Test	Test Eqpt	Specification Limit and Remarks
CHASSIS Springs Driver front rear Passenger front rear Hydraulic dampers	Settling test    Bush compression	Line and Rule    Rule and Caliper	Camber static load 2 1/2 in Free camber 6.70 in Camber static load 4.0 in Free camber 6.70 in  Camber static load 2 1/2 in Free camber 6.0 in Camber static load 4.0 in Free camber 6.0 in Bush compression nut tightened fully, 1 5/16 over both bushes
FRONT AXLE Steering	Wheel align- ment	Wheel alignment equipment	Toe in 3/64 to 3/32 in Caster 3° Camber 1.5° Inclination 7°
ENGINE 2 1/4 LITRE  Valves  Cylinder head bolts Rocker bracket bolts Fuel pump Carburettor float Accelerator pump	Firing order Compression Clearance	Compression gauge Feeler gauge  Tension wrench " "  Pressure gauge Rule or gauge  Gauge	1, 3, 4, 2 145 lb/sq in max variation 10 lb Inlet and exhaust .010 in  65 ft lb  12 to 13 ft lb  1 1/2 to 2 1/2 lb/sq in Petrol level 5/8 in ± 1/8 in below float chamber joint face. 0.2 in clearance between lever and first washer when split pin is fitted
CLUTCH  COOLING SYSTEM Fan belt  Radiator cap Thermostat  BRAKES  Brake drum  ELECTRICAL Distributor Spark plugs Electrical general	Pedal free play  Tension  Pressure test   Pedal free play  Point gap Point gap	Rule and caliper  Straightedge and rule   Rule and caliper   Feeler gauge	1/16 in free play at push rod  1/2 in to 3/4 in deflection  Valve opens 3.25 to 4.25 lb/sq in. Commences to open 164° to 173°F fully open 193°F  1/16 in free play at push rod  Standard 10 in dia, reclamation .030 in max  .014 to .016 in .029 to .032 in Ref ELEC Q 020 to Q 029

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