



C.A.V Service Data

C.A.V Service Data For Diesel Mechanics



GENERATORS

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S.C.. STARTER MOTORS

SC..	DESPATCH No.	FIRST MADE FOR	VOLTS	MOUNTING	WIRING	ROTATION	REMARKS
A124		MEADOWS	12	Flange	Insulated	Clockwise	As 116, but with special flanged outboard. Replaced by 128.
A125		LEYLAND	12	Flange	Insulated	Clockwise	As 112, but with yoke engraved in Spanish.
A126	1301260	LEYLAND	12	Flange	Insulated	Clockwise	As 118, but with $\frac{1}{16}$ " machined off outboard bearing endshield.
A127	1301270	WALKER	12	Flange	Insulated	Clockwise	As 116, but with Lucas S type drive. $\frac{1}{16}$ " machined off outboard bearing endshield.
A128			12	Flange	Insulated	Clockwise	As 124, but with Lucas S type drive. Different outboard endshield.
A129		MEADOWS	12	Flange	Insulated	Clockwise	As 128, but with rubber covers over terminals, and without terminal connections or insulated barrier.
A130	1301300	MEADOWS	12	Flange	Insulated	Clockwise	As 124, but with rubber covers over terminals, and without terminal connections or insulated barrier.
131		ARMAMENTS INSPECTION DEPARTMENT	12	Flange	Insulated	Anti-Clockwise	With special flange and R11 Bendix drive.
A132	1301320	CROSSLEY	12	Flange	Insulated	Clockwise	As 126, but with outboard turned 120° clockwise.
A133		GUY	12	Flange	Insulated	Clockwise	As 127, but with solenoid switch mounted on yoke.
A134		DAVID BROWN	6	Flange	Insulated	Clockwise	As 126, but with 11-tooth pinion. Name plate marked for 6 volt.
A135	1301350	DAVID BROWN	12	Flange	Insulated	Clockwise	As 126, but with 11-tooth pinion.
A136	1301360	SHELVOKE & DREWRY	12	Flange	Insulated	Clockwise	As 118, but with flange lugs machined off. Dowel hole in yoke.
A137		MEADOWS	12	Flange	Insulated	Clockwise	As 126, but with different outboard and 11-tooth pinion.



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DBRS.. GENERATORS

DBRS..	DESPATCH No.	FIRST MADE FOR	VOLTS	MOUNTING	WIRING	ROTATION	SPEED	REMARKS
93		SENTINEL	12	Flange	Insulated	Clockwise	Low	As 21, but with special oil thrower.
94		THORNYCROFT	12	Cradle	Insulated	Anti-Clockwise	High	As 88, but opposite rotation.
95		ALBION	12	Flange	Insulated	Clockwise	High	With special flange and shaft extension at D.E. only.
96		MORRIS COMMERCIAL	12	Cradle	Insulated	Clockwise	Low	With regulator at bottom. Special shaft collar.
97		MORRIS COMMERCIAL	12	Flange	Insulated	Clockwise	Low	As 89, but with double voltage regulator B2-T8.
98		SENTINEL	12	Flange	Insulated	Clockwise	Low	As 21, but without oil thrower.
99		TILLING-STEVENS	12	Flange	Insulated	Clockwise	High	As 25, but with flange 20° off centre. B2-H1 regulator fitted.
100		TILLING-STEVENS	12	Flange	Insulated	Clockwise	Low	As 21, but with special flange.
101		CROSSLEY	12	Cradle	Insulated	Clockwise	Low	As 8, but with special shaft end bearing.
102		LEYLAND	12	Cradle	Insulated	Clockwise	High	As 13, but with special dowel position.
103		ALBION	12	Cradle	Insulated	Clockwise	High	As 13, but fitted with castellated shaft nut and split pin.
104		GILFORD	12	Flange	Insulated	Clockwise	High	As 25, but with special oil thrower.
105		SENTINEL	12	Flange	Insulated	Clockwise	Low	As 21, but with 3% N.S. shaft.
106		SENTINEL	12	Flange	Insulated	Anti-Clockwise	Low	As 22, but with 3% N.S. shaft.
107		GUY	12	Flange	Insulated	Clockwise	High	As 92, but without C.E. extension and opposite rotation.

BS5.. STARTER MOTORS

BS5..	DESPATCH No.	FIRST MADE FOR	VOLTS	MOUNTING	WIRING	ROTATION	PINION	REMARKS
P184	1331840	PERKINS	12	Flange	Earth return	Clockwise	11-tooth 8-10 pitch stub, steel	As 179, but with steel pinion.
P185	1331850	PERKINS	12	Flange	Earth return	Anti-Clockwise	11-tooth 8-10 pitch stub, steel	As 179, but with steel pinion and opposite rotation.
P186	1333860	SCANIA VABIS	24	Flange	Insulated return	Clockwise	9-tooth module 3, steel	As 159, but with no holding-on winding.
P187		LEYLAND	24	Flange	Earth return	Clockwise	11-tooth 8-10 pitch stub, steel	As 183, but with D.E. shield turned 180°.
P188	1331880	NEWAGE	12	Flange	Insulated return	Clockwise	11-tooth 8-10 pitch stub, steel	As 117, but with different pinion.
P189		LUCAS (India)	12	Cradle	Earth return	Clockwise	11-tooth 8-10 pitch stub, steel	As 66, but with metric threaded main terminals.
P190		LUCAS (India)	24	Flange	Insulated return	Clockwise	11-tooth 8-10 pitch stub, steel	As 81, but with metric threaded main terminals.
P191M	1331910	ROLLS ROYCE	12	Flange	Earth return	Clockwise	10-tooth 8-10 pitch on 11-tooth blank, bronze	As 60, but different pinion.
P192		LEYLAND	24	Flange	Earth return	Clockwise	11-tooth 8-10 pitch stub, steel	As 183, but with oil seals in D.E. shield and pinion.
P193M	1331930	ROLLS ROYCE	12 24	Flange	Insulated return	Anti-Clockwise	10-tooth 8-10 pitch on 11-tooth blank, bronze	As 191M, but opposite rotation and wired for insulated return.
P194	1333940	RUSTON & HORNSBY	24	Flange	Insulated	Anti-Clockwise	13-tooth 8-10 pitch stub, bronze	As 118, but wired for earth return.
P195								
P196		PERKINS	12	Cradle	Earth return	Clockwise	11-tooth 8-10 pitch stub, bronze	As 65, but with steel pinion.