

Appendix 6
STARTER SYSTEMS LTSA 140 GROUP 5/3
LIGHTNING F3 and T5 AIRCRAFT

1. The group reference number 5/3 is given to the turbo starter system fitted in Lightning F3 and T5 aircraft. It consists of two engine groups 5/E2 and two airframe groups 5/A9 and 5/A10.

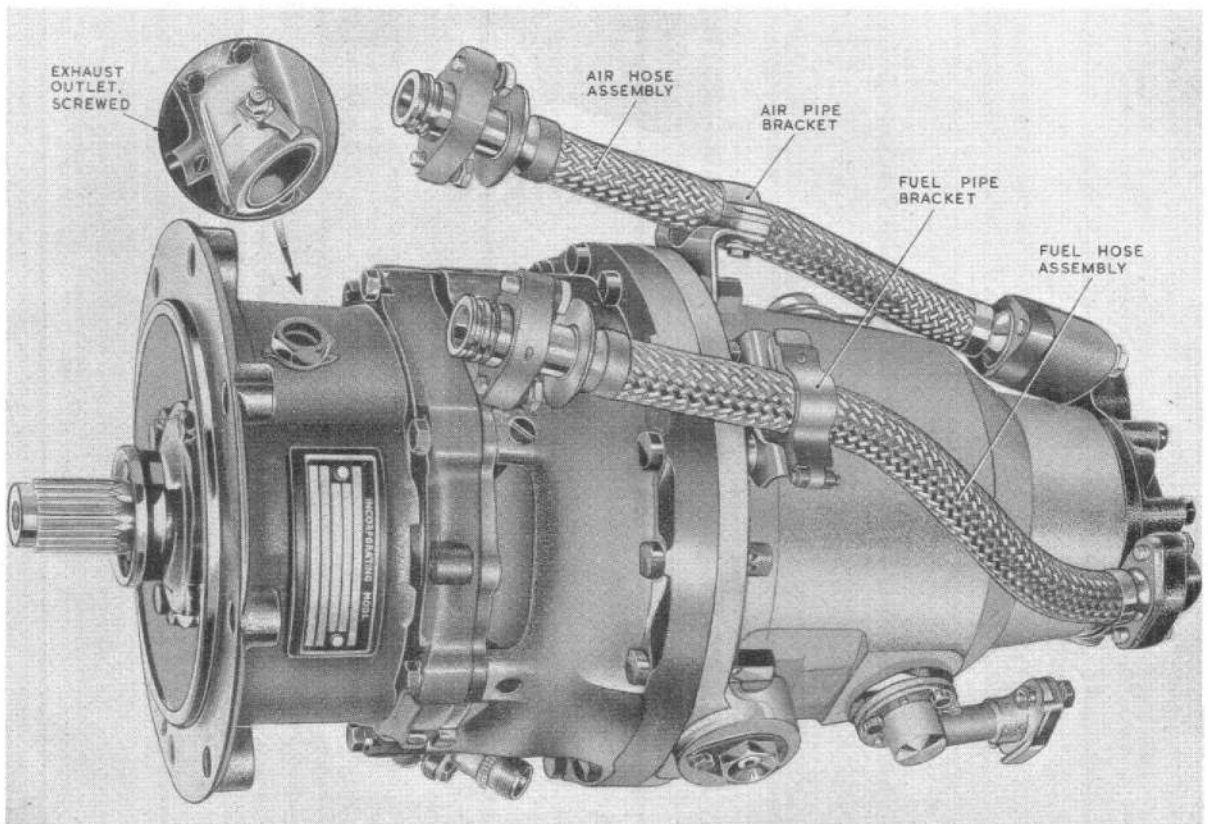


Fig. 1. LTSA 140 Starter motor, group 5E/2 ◀ (Pre-Mod. S 368 and S 405) ▶

2. The basic component assemblies in group 5/3 ◀ (Pre-Mod. S 368 and S 405) ▶ are:—

Ref. No.	Part No.	Description	Quantity
37F/—	CK 20143	Engine group 5/E2 consisting of:—	2
—	CK 20142	Starter motor assembly LTSA 140	1
	—	Installation fittings consisting of:—	
	CK 20762	Air hose assembly	1
	CK 20051	Bracket assembly air pipe	1
	CK 20090	Bracket assembly fuel pipe	1
	CK 20761	Fuel hose assembly	1
	CK 19468	Exhaust outlet, screwed	1
37F/21026	CK 20004	Airframe group 5/A9, No. 1 engine, and	1
37F/21027	CK 20005	Airframe group 5/A10, No. 2 engine	1
37F/20045	7CZ 106201	Control unit Mk. 8	2
37F/20007	7CZ 75700	Ignition unit Mk. 8B	2
37F/21024	CK 18823	Motor unit complete with connections for No. 1 engine	1
37F/21025	CK 18824	Motor unit complete with connections for No. 2 engine	1
37F/21028	CK 19998	L.P. Ignition switch complete with connections for No. 1 engine	1
37F/21029	CK 20001	L.P. Ignition switch complete with connections for No. 2 engine	1
37F/21030	CK 19996L	High pressure switch/solenoid valve with connections for No. 1 engine	1
37F/21031	CK 19996R	High pressure switch/solenoid valve complete with connections for No. 2 engine	1

3. ◀ The basic component assemblies in group 5/3 (Pre-Mod. S 368 and Mod. S 405) are:—

Ref. No.	Part No.	Description	Quantity
37F/21032	CK 20143	Engine group 5/E2 consisting of:—	2
	CK 20142	Starter motor assembly LTSA 140	1
		Installation fittings consisting of:—	
	750/1/02107	Air pipe assembly	1
	750/1/02106	Fuel pipe assembly	1
	750/1/02100	Pipe guard assembly, Fuel	1
	750/1/02099	Pipe guard assembly, Air	1
	CK 19468	Exhaust outlet, screwed	1
37F/21026	CK 20004	Airframe group 5/A9, No. 1 engine, and	1
37F/21027	CK 20005	Airframe group 5/A10, No. 2 engine	1
37F/20045	7CZ 106201	Control unit Mk. 8	2
37F/20007	7CZ 75700	Ignition unit Mk. 8B	2
37F/21024	CK 18823	Motor unit complete with connections for No. 1 engine	1
37F/21025	CK 18824	Motor unit complete with connections for No. 2 engine	1
37F/21028	CK 19998	L.P. Ignition switch complete with connections for No. 1 engine (pre-Mod. S 368)	1
		L.P. Ignition switch complete with connections for No. 1 engine (Mod. S 368)	1
37F/21029	CK 20001	L.P. Ignition switch complete with connections for No. 2 engine (pre-Mod. S 368)	1
		L.P. Ignition switch complete with connections for No. 2 engine (Mod. S 368)	1
37F/21030	CK 19996L	High pressure switch/solenoid valve with connections for No. 1 engine	1
37F/21031	CK 19996R	High pressure switch/solenoid valve complete with connections for No. 2 engine	1 ▶

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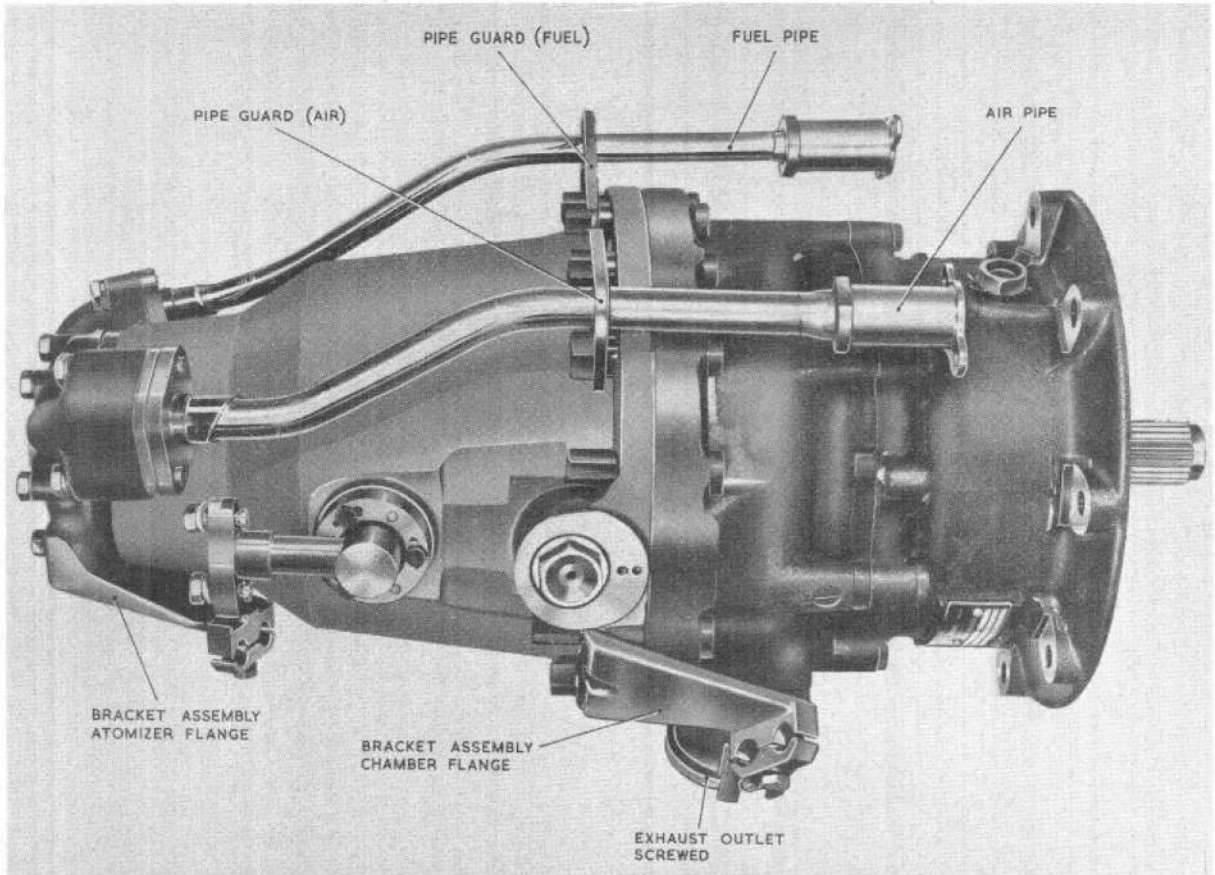


Fig. 2. LTSA 140 starter motor, group 5E/2 (Pre-Mod. S368 and Mod. S405)

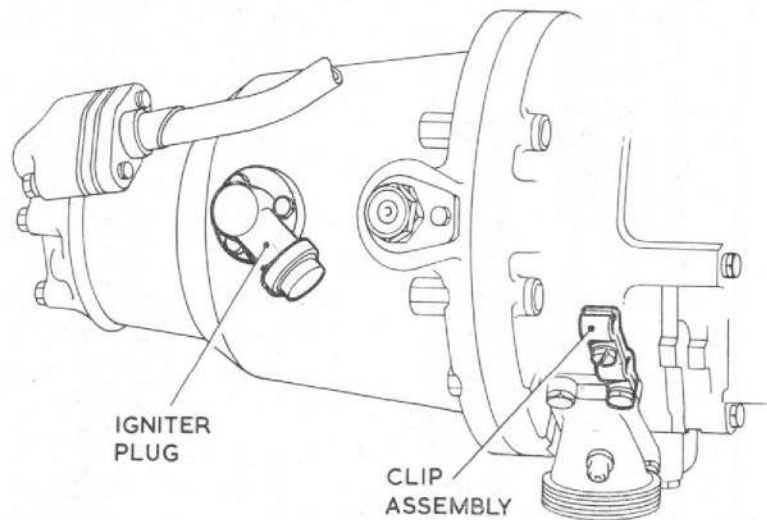


Fig. 3. LTSA 140 starter motor, group 5/E2 Mod. S368

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