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PARTS LIST NO. 299C

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PART NO. RTR1425K

FOR COMPONENT PARTS TO BUILD A

COMPLETE ENGINE TR5-6 FAST ROAD/ROAD RALLY TO STAGE 2

TO BE READ IN CONJUNCTION WITH Information sheet IS0024

**SPECIFICATION:** This kit will allow customers to build a Fast Road engine, with an unleaded cylinder head, rocker gear, fast road cam, aluminium flywheel, clutch cover, including front pulley. All rotating and reciprocating parts will need to be balanced. (no fan to be fitted) All core plugs to be removed and replaced.

It is recommended that the deck height is adjusted.

**CRACK TESTING:** The successful completing of an engine build is completely dependant on the condition of the components used. It is strongly recommended that customers have their cylinder head and block crack tested prior to commencing a rebuild.

**MACHINING:** The following machining will be required. Regrind crank, blast block, wash, clean out crank. Machine block to piston size, hone to pistons. Check and adjust deck height. Blast head, reface, new Phosphor Bronze guides, unleaded exhaust valve seats. Machine seat faces, lap valves (all stainless valves). Gas flow head. Balance all rotating components.

ITEM No.	QTY	PART NO.	DESCRIPTION
299/1	5	144688	CORE PLUG
299/2	3	144686	CORE PLUG
299/3	1	144687	CORE PLUG
299/4	1	148353	CORE PLUG
299/5	1	149776	BUSH OIL PUMP DRIVE
299/6	1	061478	TAP
299/7	1	143456	SEAL REAR
299/8	1	132107	PISTON OIL PRESSURE
299/9	1	131535	SPRING OIL PRESSURE
299/10	1	6K433	WASHER OIL PRESSURE
299/11	1	217488	PUMP OIL
299/12	1	155660	MAG PLUG
299/13	1	AJM214	BOTTOM SET
299/14	12	RTR1298	TAPPET
299/15	1	AEW2171	THRUST WASHER SET SIZE ..... $\delta$ See IS 0024 for sizes
299/16	1	AEM4229	MAIN BEARING SET SIZE ..... $\delta$ See IS 0024 for sizes
299/17	1	AEB6433	BIG END BEARING SET SIZE ..... $\delta$ See IS 0024 for sizes
299/18	1	133235	SLEEVE
299/19A	1	151213	BUSH IN FLYWHEEL POST 50K
		<b>OR</b>	
299/19B	1	047246	BUSH IN FLYWHEEL PRE 50K
299/20	4	UKC4254	BOLT IN FLYWHEEL
299/21	1	RTR1062K	SPRINT CAM NEW OUTRIGHT
299/22	1	105114	LOCKING PLATE
299/23	1	UKC1110	OIL SEAL FRONT
299/24	1	036411	CAM TAB
299/25	1	145866	TENSIONER
299/26	6	119813	SMALL END BUSH
299/27	12	UKC2598	BOLT BE

299/28	6	AE17753___	STANDARD PISTONS : SIZE ..... See IS 0024 for sizes
299/29	1	2H4286	TIMING CHAIN
299/30	6	118686	GALLERY PLUG
299/31	1	301815P	GALLERY PLUG
299/32	1	RTR1052	CLUTCH PLATE UPRATED OUTRIGHT
299/33	1	RTR1051	CLUTCH COVER UPRATED OUTRIGHT
299/34	1	RTR1028	PULLEY BOLT SET
299/35	1	133234	KEY
299/36A	1	RTR1012CP	FLYWHEEL ALUMINIUM TR5-6 CP
		<b>OR</b>	
299/36B	1	RTR1012CR	FLYWHEEL ALUMINIUM TR6 CR
299/37	1	201350	RING GEAR FOR FLYWHEEL
299/38A	1	GEG179	HEAD GASKET SET <CP75K
		<b>OR</b>	
299/38B	1	AJM1193	HEAD GASKET >CP75K
299/39	1	RTR1187	ROCKER SHAFT TUFTRIDED
299/40	6	139897	No. 1 VALVE ROCKER
299/41	6	139896	No. 2 VALVE ROCKER
299/42	6	RTR1129A	INLET VALVE 38.0 MM DIAMETER
299/43	6	RTR1130	EXHAUST VALVE 32.39 MM DIAMETER
299/44	1	RTR1039	PHOSPHOR BRONZE VALVE GUIDE SET
299/45	12	RTR1180	ALUMINIUM VALVE CAP
299/46	1	RTR1175	VALVE SPRING SET

NOTES:

1. An electric fan must be fitted.
2. Part number and prices quoted on the web are for new parts.
3. We build engines in house for TR2-4A, TR5-6, TR7 and TR8 to Standard as well as Sprint, Hillclimb, Rally and Race specifications. Should you wish to have 35 years of Revington TR experience built into you engine, we will be happy to draw up an individual specification to meet your requirements, based on, but not limited to the options noted above.
4. Should you require us to remove and install your engine, the cost of this will vary from car to car. As a guide an average engine change may take 70 hours. At our hourly rate of £58/hour, (September 2016)
5. Shorter push rods may be required as a result of the inclusion in the new engine of a higher lift cam.
6. As the quality of an engine depends to a large extent on the quality of the machining and the build, Revington TR cannot accept any liability for the functionality of these components when built into an engine.
7. Please fill out questionnaire number IS0024 which will enable us to fulfil your requirements accurately.
8. Prices subject to change without notice. Please see the website for current pricing.
9. All prices are plus VAT where applicable.