

Revington TR www.revingtontr.com Tel, +44 (0)1 823 698 437
 PARTS LIST NO. 323
 PART NO. RTR1430K
 COMPONENT PARTS TO BUILD A COMPLETE ENGINE TR2-4A
 FAST ROAD USE TO STAGE 3
 TO BE READ IN CONJUNCTION WITH Information sheet IS0024-4

SPECIFICATION: This kit will allow customers to build a fast road/competition engine, with an unleaded cylinder roller rockers, high quality cast pistons (forged pistons to special order), rally cam, aluminium flywheel, clutch including front pulley hub.

All rotating and reciprocating parts will need to be balanced. (no fan to be fitted) All core plugs to be removed

CRACK TESTING: The success of an engine build is completely dependant on the condition of the components. It is strongly recommended that customers have their cylinder head, crankshaft, connecting rods and block prior to commencing a rebuild.

Due to the high incidence of cracks detected during non destructive testing (NDT) of original crankshafts a new steel crankshaft and beam connecting rods should be considered.

MACHINING: The following machining will be required:-

Remove all core and oil gallery plugs from the block, crank and cylinder head.

Regrind and remove the scroll from the crank. Vapour or bead blast the block, cylinder head and

Machine block and liners for correct liner protrusion, hone liners to suit pistons. Check and adjust

Reface the head, fit phosphor bronze guides and unleaded exhaust valve seats. Machine 3 angles

In addition some gas flow work on the head will be necessary.

Wash and thoroughly clean out the crank, block, head and connecting rods.

Revington TR strongly recommend that all rotating and reciprocating components are balanced.

ITEM No.	QTY	PART NO.	DESCRIPTION
323/1	1	AEM3196....	TR2-4A MAIN BEARING SET size 50 ?
323/2	1	AEB4331....	BIG END BEARINGS size 50 ?
323/3	1	AEW20046 .	THRUST WASHERS size 50 ..?
323/4	1	AEC3027	CAM BEARING SET
323/5	4	C17164	SMALL END BUSH
323/6	1	104662	FRONT OIL SEAL
323/7	1	RTR1026	MODIFIED REAR OIL SEAL KIT
323/8	1	GEG248	BOTTOM GASKET SET
323/9	1	GEG178	TOP GASKET SET
323/10	1	RTR1010-1.6	SOLID COPPER GASKET Size to be determined with each individual job
323/11	1	504862	OIL PUMP ROTOR SET
323/12	1	100682	OIL STRAINER
323/13	4	RTR1020-87	PISTON 87MM CAST
	OR		
323/13A	4	RTR1020-89	PISTON 89mm CAST
	OR		
323/13B	4	RTR1221	PISTON 83MM to 89mm FORGED
323/14	4	RTR1222	HIGH QUALITY 83MM to 89mm LINERS
323/15	1	RTR1027K	CRANK BOLT SET
323/16	1	RTR1059K	CAM RALLY NEW
323/17	1	057151	CAM CHAIN
323/18	8	RTR1024	CAM FOLLOWER TUFTRIDED
323/19	1	043404	TENSIONER
323/20	1	RTR1011	TR4A ALUMINIUM FLYWHEEL

323/21	1	202834	RING GEAR (FOR ALLY FLYWHEEL)
323/22	1	RTR1417	CLUTCH COVER HIGH TORQUE OUTRIGHT
323/23	1	RTR1418	CLUTCH PLATE HIGH TORQUE OUTRIGHT
323/24	1	047246	GEARBOX SHAFT BEARING
323/25	1	056293	CAM TAB
323/26	4	105313	BIG END TABS
323/27	2	056765	CORE PLUG OIL GALLERY
323/28	1	044473	CORE PLUG CAM
323/29	1	027378	CORE PLUG HEAD
323/30	1	RTR1195-1.55K	ROLLER ROCKER SET STANDARD RATIO
323/31	4	RTR1319	INLET VALVE
323/32	4	RTR1119	EXHAUST VALVE
323/33	1	RTR1148	SPRING SET
323/34	8	RTR1120	VALVE CAPS ALUMINIUM
323/35	3	DP414	CLUTCH DOWELS
323/36	1	107250	FRONT PULLEY HUB
323/37	8	138528	BOLT BIG END

Prices subject to change without notice. All prices are plus VAT where applicable and can be viewed on our website.

APPROVED name JNR DATE 18/10/08

LAST REVISED name JNR DATE 11/10/16

NOTES:

1. An electric fan must be fitted.
2. We build engines in house for TR2-4A, TR5-6, TR7 and TR8 to Standard as well as Sprint, Hillclimb, Race specifications. Should you wish to have 25 years of Revington TR experience built into your engine, we will be happy to draw up an individual specification to meet your requirements, based on, but not limited to the options noted below.
3. 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.
4. Shorter push rods may be required as a result of the inclusion in the new engine of a higher lift cam.
5. As the quality of an engine depends to a large extent on the quality of the components, we cannot accept any liability for the functionality of these components when built into an engine.
6. Please fill out questionnaire number IS0024-4 which will enable us to fulfill your requirements accurately.
7. Revington TR are prepared to discuss minor alterations to this specification to match your requirements.