

TRIUMPH SPORTS CAR Model TR2 & TR3

*Schedule of Repair
Operation Times*



ISSUED BY

STANDARD-TRIUMPH MOTOR COMPANY, INC.

AMENDMENTS

<i>Operation No.</i>		<i>Time</i>
PAGE 1		
S.E. 1	Amend to read: (Includes S.E. 38 and 38A).	
S.E. 8	Amend to read:	.45
S.E. 8 (a)	Amend to read:	.30
S.E. 9	Amend to read: (Includes Op. S.E. 8).	.55
S.E. 10	Amend to read:	2 .00
PAGE 2		
S.E. 12	Amend to read:	.45 ea.
S.E. 13	Amend to read:	1 .30
PAGE 3		
S.E. 25	Amend to read: (Includes Op. S.E. 38 and 38A).	
S.E. 26	Amend to read: (Includes Op. S.E. 38 and 38A).	
S.E. 28	Amend to read: (Includes Op. S.E. 38 and 38A).	
S.E. 31	Amend to read:	1 .20
S.E. 37 (a)	Amend to read:	.30
PAGE 4		
S.G. 1	Amend to read:	4 .45
S.G. 2	Amend to read:	3 .00
S.G. 3	Amend to read:	2 .30
S.G. 4 (a)	Amend to read:	2 .00
S.G. 5	Amend to read:	2 .15
S.G. 6	Amend to read:	1 .45
S.G. 7 (d)	Amend to read:	5 .45
S.R. 2	Amend to read:	5 .00
PAGE 5		
S.B. 3	DELETE this item.	
S.B. 4	Amend to read: S.B. 5.	
S.B. 5	Amend to read: S.B. 6.	
S.B. 6	Amend to read: S.B. 3.	
(a)	Amend to read:	.10
S.B. 7	Amend to read: S.B. 4.	
(a)	Amend to read:	.45
S.F. 6	Amend to read:	.30
S.S. 8	Amend to read:	1 .00
PAGE 7		
S.I.E. 9	Amend to read: To remove and refocus	.30
S.I.E. 16	Amend to read:	1 .20
S.I.E. 16	INSERT (b): Extra to change pulley	.15

foreword . . (schedule of Repair Operation Times)

The times quoted in this Schedule of Repair should be well within the capacity of any authorised Standard-Triumph Distributor or Dealer when working on reasonably new vehicles.

Therefore, when Labor Allowances are accepted in connection with Warranty repairs, the times set out in this booklet must be considered the *maximum* that will be accepted by the manufacturer under any circumstances.

Difficulties may be encountered with older cars which are being subjected to normal repair or overhaul. Broken studs, seized bolts, etc. are likely to add considerably to the time required for any operation.

The times given should however prove a guide when estimating labor charges for such operations.

The manufacturer reserves the right to make alterations to this Schedule, without prior notice as the necessity for such amendments arise.

STANDARD-TRIUMPH MOTOR COMPANY, INC.

Repair Time Schedule

TRIUMPH SPORTS CAR (Model TR2-TR3)

ENGINE AND CLUTCH

Operation Number	<i>Note: With the exception of S.E. 2 road test times are not included.</i>	Time Hrs. Mins.
S.E. 1	Engine and Gearbox: To remove and refit as a unit only, detaching and refitting gearbox (Includes Op. S.E. 37 and 37a)	16 00
	(a) Extra for changing over all ancilliary equipment.	2 00
	(b) Extra for resetting or renewing crankshaft rear oil seal only.	2 00
	(c) Extra for partially dismantling engine, fitting new crankshaft and bearings, leaving cylinder head etc. in position.	7 00
	(d) Extra for dismantling engine and refitting all parts to new cylinder block (Does not include decarbonizing and grinding in valves)	11 30
S.E. 2	Engine Tune Up: Includes cleaning and adjusting spark plugs, distributor points, carburettors and fuel pump, adjusting tappets, checking ignition timing and road testing.	2 15
S.E. 3	Distributor Points: To clean and adjust only.	15
S.E. 4	Ignition Timing: To check and reset only.	20
S.E. 5	Valve Timing: To check only.	45
	(a) Extra to reset if necessary. (Consists of Ops. S.E.28 and 28 b.)	5 30
S.E. 6	Rocker Cover Joint: To renew.	20
S.E. 7	Tappets: To remove rocker cover and adjust tappets.	20
S.E. 8	Rocker Shaft: To renew assembly complete and/or push rods. (Includes Op. S.E. 7)	35
	(a) Extra for dismantling assembly and fitting new shaft and/or rockers.	25
S.E. 9	Cylinder Head Nuts: To tighten down (Includes removal of rocker shaft)	45
S.E.10	Cylinder Head: To remove and fit new gasket (Includes Op. S.E. 7).	1 45

ENGINE AND CLUTCH – *continued*

Operation Number	<i>Note: With the exception of S.E. 2 road test times are not included.</i>	Time Hrs. Mins.
S.E.11	Valves: To decarbonise and grind in valves (Includes Op. S.E. 2).	7 00
	(a) Extra for fitting each new valve guide and refacing seating.	10 ea.
	(b) Extra for fitting studs if new head is fitted.	10 ea.
S.E.12	Carburettor: To renew one carburettor and/or joint washer and adjust.	40 ea.
S.E.13	Manifold: To renew manifold gasket and/ or manifold	1 15
	(a) Extra for fitting studs if new manifold is fitted.	10
S.E.14	Exhaust Flange Washer: To renew.	45
S.E.15	Engine Sump: To renew engine sump and/ or gasket.	30
S.E.16	Pistons: To renew pistons complete, or rings only, check conn. rod alignment and renew conn. rod bearings. (Includes Op. S.E.10 and 15 only).	5 30
	(a) Extra for removing and refitting sleeves with new gasket.	1 00
S.E.17	Connecting Rod Bearings: To renew conn. rod bearings without disturbing pistons. (Includes Op. S.E.15)	2 00
	(a) Extra for examining centre main bear- ing only.	20
	(For renewing main bearings, see Op. S.E.1c)	
S.E.18	Crankshaft Thrust Washers: To renew. (Includes Op. S.E.15 only)	1 00
S.E.19	Oil Pump: To remove and refit. (Includes Op. S.E.15).	1 00
	(a) Extra to overhaul when removed.	30
S.E.20	Oil Filter: To renew filter complete and/ or washer	30
	(a) Extra to renew element only and reset pressure.	20
S.E.21	Oil Release Valve: To renew release valve or spring.	20
S.E.22	Ignition Coil: To exchange for new unit. .	15
S.E.23	Distributor: To remove and refit and reset timing.	20
	(a) Extra to renew drive gear or pump shaft.	10
	(b) Extra to renew tachometer gear.	10
S.E.24	Water Pump: To remove and refit as a com- plete unit or with new gasket.	1 15
	(a) Extra to overhaul when removed.	50

ENGINE AND CLUTCH – *continued*

Operation Number	<i>Note: With the exception of S.E. 2 road test times are not included.</i>	Time	
		Hrs.	Mins.
S.E.25	Fan: To remove and refit blades. (Includes Op. S.E.37 and 37a)	3	00
S.E.26	Fan Belt: To renew belt and adjust (Includes Op. S.E.37 and 37a).	3	00
S.E.27	Engine Mounting: To remove and refit one or both front mountings.	2	00
S.E.28	Timing Cover: To remove and refit with new gasket (Includes removal of chassis front cross member and detaching steering idler bracket and Op. S.E.37 & 37a)	4	30
	(a) Extra to renew timing cover oil seal.		15
	(b) Extra to renew chain and/or camshaft wheel.	1	00
	(c) Extra to renew chain tensioner.		15
	(d) Extra to renew camshaft (Includes Op. S.E.10 & 29)	3	30
S.E.29	Fuel Pump: To remove and refit, including new washer if necessary.		30
S.E.30	Air Cleaner: To remove carb. air cleaners, clean and refit.		20
S.E.31	Generator: To remove and refit (Includes Op. S.E.12)	1	15
	(a) Extra for fitting new bracket.		10
S.E.32	Thermostat: To remove and refit.		40
S.E.33	Starter Motor: To remove and refit.	1	30
S.E.34	Clutch: To remove gearbox, leaving engine in position and fitting a new clutch unit.	5	30
	(a) Extra for overhauling clutch when removed.	1	00
	(b) Extra to remove flywheel and refit.		30
	(c) Extra to renew camshaft end plug	1	30
	(d) Extra to fit new flywheel ring gear.		30
S.E.35	Clutch Slave Cylinder: To renew and bleed system		30
S.E.36	Clutch and Brake Master Cylinder: (Drum Brake Type) To remove, refit and bleed.	1	00
	(a) Extra for overhauling.		45
S.E.37	Clutch Master Cylinder (Disc Brake Type) To remove, refit and bleed.	1	00
	(a) Extra to overhaul.		20
S.E.38	Radiator Cowling: To remove and refit as a unit.	2	15
	(a) Extra to remove and refit radiator.		30

GEARBOX

Operation Number	Note: Road test times are not included.	Time Hrs. Mins.	
S.G. 1	Gearbox: To remove and refit leaving engine in position. (Includes Op. S.G. 6)	4	30
	(a) Extra to dismantle box completely and fit any new parts necessary.	4	00
	(b) Extra to dismantle selector mechanism in lid and fit any new parts required. . .	1	00
	(c) Extra to renew front oil seal only. . . .		45
S.G. 2	Gearbox Lid: To remove gearbox lid only, leaving gearbox in chassis, dismantle selector and fit new parts. (Includes S.G. 6)	2	45
S.G. 3	Rear Oil Seal: To renew rear oil seal leaving gearbox in chassis (Includes Op S.G. 6) With or without overdrive fitted	2	15
S.G. 4	Speedometer Pinion: To remove and fit new pinion.		20
	(a) Extra when overdrive is fitted (Includes Op. S.G. 6).	1	50
S.G. 5	Rear Mounting: To remove rear mounting and refit. (Includes Op. S.G. 6)	2	00
S.G. 6	Floor Boards: To remove and refit.	1	30
S.G. 7	Overdrive:		
	(a) To change solenoid and set adjustment.	2	00
	(b) To remove release valve, clean and refit.	2	00
	(c) To remove pump pressure valve, clean and refit	3	30
	(d) To remove overdrive as a unit and refit (Includes Op. S.G. 1).	5	30

PROPELLOR SHAFT & REAR AXLE

S.R. 1	Propellor Shaft: To remove and refit. (Includes Op. S.G. 6)	2	00
	(a) Extra to overhaul universal joints. . . .	1	00
S.R. 2	Rear Axle: To remove and refit as a complete unit (Includes bleeding brakes). . .	4	00
	(a) Extra to overhaul when removed.	5	30
S.R. 3	Rear Axle Shaft: To remove and refit with new component.	1	30
	(a) Extra for fitting new oil seal.		15
	(b) Extra to fit new bearing.		15
S.R. 4	Rear Hub: To remove and refit one hub. . .		30
	(a) Extra to fit new grease seal.		15
S.R. 5	Pinion Seal: Remove and replace	1	00

BRAKES (DRUM TYPE)

Operation Number	Note: Road test times are not included.	Time	
		Hrs.	Mins.
S.B. 1	Brakes: To adjust only. All wheels.		20
	(a) Extra to adjust handbrake cable.		15
S.B. 2	Overhaul: To fit relined shoes and adjust.		
	Each wheel		30
	(a) Extra to overhaul wheel cylinders.		
	Each cylinder.		15
	(b) Extra to bleed system		30
S.B. 3	Master Cylinder: To remove and refit, and bleed system.	1	00
	(a) Extra to overhaul when removed.		45
S.B. 4	Flexible Pipe: To remove one pipe and refit, including bleeding.		30
S.B. 5	Handbrake Lever: To remove and refit, including overhaul.	2	00

BRAKES (DISC TYPE)

S.B. 6	Overhaul		
	(a) To fit new brake pads (each wheel). . .		15
	(b) To remove and refit caliper unit (each)		30
	(c) Extra for fitting new pistons or seals to caliper when removed. (each)		20
	(d) To remove and fit new disc (each) . . .		50
	(e) Extra for bleeding system		30
S.B. 7	Master Cylinder		
	To remove, refit and bleed system.	1	00
	(a) Extra for overhauling when removed . .		20

FRAME

S.F. 1	Rear Damper: To remove and refit.		30
S.F. 2	Rear Road Spring: To remove and refit. . .	2	00
S.F. 3	Exhaust System:		
	(a) To remove and refit front pipe or complete system	1	30
	(b) Silencer and tail pipe only		30
	(c) Flange washer only.		30
S.F. 4	Radiator Cowling: To remove and refit. . .	2	15
	(a) Extra for removing and refitting radiator block.		30
S.F. 5	Front Bumper Complete: To remove and refit.		30
S.F. 6	Rear Bumper Complete: To remove and refit.		15
S.F. 7	Water Hose:		
	(a) To remove and refit top hose.		30
	(b) To remove and refit bottom hose.		30

STEERING & FRONT SUSPENSION

<i>Operation Number</i>	<i>Note: Road test times are not included.</i>	<i>Time Hrs. Mins.</i>	
S.S. 1	Front Wheel Track: To check and reset . .	20	
S.S. 2	Tie Rod Ball Joint: To remove one ball joint		
	(a) Outer joint.	20	
	(b) Inner joint.	40	
	(c) Extra for setting track.	20	
S.S. 3	Idler Bracket and Spindle: To remove and refit.	1	15
S.S. 4	Steering Box: To adjust rocker shaft. . . .	1	00
S.S. 5	Steering Column Unit: To remove and refit (Includes Ops. S.E.37 and S.S. 6).	4	15
	(a) Extra to overhaul when removed.	1	00
S.S. 6	Steering Wheel: To remove and refit. . . .		45
S.S. 7	Front Damper: To remove and refit.		30
S.S. 8	Front Road Spring: To remove and refit (Includes Op. S.S. 7).	1	15
S.S. 9	Front Hub Bearing: To adjust.		15
S.S.10	Front Hub: To remove and refit.		20
	(a) Extra to renew grease seal.		5
	(b) Extra to renew hub bearing.		20
S.S.11	Vertical Link: To remove and refit	2	15
	(a) Extra for renewing stub axle.		15
S.S.12	Vertical Link Ball Joint: To remove and fit new component.		40
S.S.13	Upper Wishbone Arms: To remove and refit with new inner bushes and fulcrum.	1	30
S.S.14.	Lower Wishbone Arms: To remove and refit with new inner bushes.	2	00
	(a) Extra for renewing bottom trunnion. . . .	1	00
S.S.15	Bottom Trunnion: To remove and refit with new bushes.	1	45
	(Includes removal of brake backing plate.)		

INSTRUMENT & ELECTRICAL

S.I.E. 1	Speedometer Head: To remove and refit. .	30
S.I.E. 2	Revolution Counter Head: To remove and refit.	30
S.I.E. 3	Speedometer Cable: Inner or outer. To remove and refit.	30
S.I.E. 4	Revolution Counter Cable: Inner or outer. To remove and refit.	20
S.I.E. 5	Tail Lamp: To remove and refit.	20
S.I.E. 6	Side Lamp: To remove and refit.	20

INSTRUMENT & ELECTRICAL

— continued

Operation Number		Time	
		Hrs.	Mins.
S.I.E. 7	Headlamp Complete: To remove, refit and focus.		40
S.I.E. 8	Headlamp Glass and Reflector: To remove, refit and focus.		25
S.I.E. 9	Number Plate Lamp: To remove and refit. .		15
S.I.E. 10	Temperature Gauge: To remove, refit. . . .		45
S.I.E. 11	Fuel Gauge: To remove and refit.		
	(a) Facia Panel unit.		30
	(b) Tank unit.		40
S.I.E. 12	Ammeter: To remove and refit.		30
S.I.E. 13	Oil Gauge: To remove and refit.		30
S.I.E. 14	Facia Panel Switch: To remove and refit, each one.		30
S.I.E. 15	Starter Motor: To remove and refit.	1	30
	(a) Extra to overhaul pinion assembly. . . .		30
S.I.E. 16	Generator: To remove and refit. (Includes Op. S.E. 12)	1	15
	(a) Extra to fit new bracket.		10
S.I.E. 17	Wiper Motor: To remove and refit.		20
S.I.E. 18	Steering Column Control Centre: To remove and refit.		40
S.I.E. 19	Starter Solenoid: To exchange.		15
S.I.E. 20	Voltage Control Regulator: To exchange. .		30
S.I.E. 21	Wiper Blade Spindle Box: To Exchange		
	(a) Driver's side	2	15
	(b) Passenger's side	1	30

COACH WORK

S.C. 1	Bonnet — remove and refit30
S.C. 2	Windscreen Glass — to fit new glass to original frame (including removal from body).	3	.00
S.C. 3	Door Hinges — to renew one hinge and re-hang door.45
(a)	Renew both hinges — rehang door.	1	.00
S.C. 4	Door Lock — remove and refit.30
S.C. 5	Radiator Cowling — remove and refit as a unit. .	2	.15
S.C. 6	Floor Boards and Seat — remove and refit. . .	2	.00
S.C. 7	Petrol Tank — remove and refit.	1	.00
S.C. 8	Front Wing — remove and refit (includes door removal).	3	.00
S.C. 9	Rear Wing — remove and refit.	2	.30
S.C. 10	Hard Top — fit as extra.	20	.00