UNIVERSITY MOTORS Complete MGB Tune-Up SU Carburetters

By John H Twist

	OWNER		Y	EAR	_ MODEL
	MILEAGE	DATE		_ TECHNICIAN_	
Estima	ated Completion Tim	e: 5 Hours			
PREL	IMINARIES				
	PCV System - checclean Smiths PCV	k for leaks between l valve and replace diap ect all hoses, replace	nead & manifold, hragm.	manifold & carb	There must be half tank of petrops, manifold fittings, throttle shafts, nti run-on valve (where fitted)
ENG	INE				
	Clean (or replace) Change Thermosta Remove Valve Cov Adjust valves to 0.0 Start engine and ex Recheck Compress	rer (Change gasket if 015" (→ 18GK engin camine camshaft move sion: 1 2 _	nd gap plugs to 0 sary. Thermostanecessary) and to ees) or to 0.013' ement / noisy val	0.035" or: t Temp 180° / orque head to 50 (18V engines – ves:	195° Coolant Temp: 0 ft-lbs (oiled and hot) →)
	Remove distributo Inspect advance lin Remove Coil to wa	•	ting and cleaning vance is:	each part, fit no	2 3 4 ew points, condenser, LT lead.
CARI	BURETTERS				
	Match pistons to s	nambers, float bowl lic action chambers; ens or - change filter if nec	ure either dampe		ean bodies and linkages. amber is vented.

TUNE

 Check dwell to expect 60°
 Adjust timing to 32° full mechanical advance (about 3-4,000 rpm) vacuum disconnected.
 Allow to rise to operating temperature. Disconnect interconnecting linkages. Set air flow and mixture.
 Engine off, adjust throttle interconnecting linkages.
 Restart and set fast idle to 1600 maximum with air flow equal.
 Totally disassemble air cleaners, wipe clean, and replace filters if necessary.
 Test Drive

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