



CATERHAM

WORKSHOP NOTICE

Workshop
Notice
Number

439

ISSUED TO	PRODUCTION	Y
	ENGINE SHOP	N
	SERVICE	Y
	AGENTS	Y
	WAREHOUSE	N

RAISED BY	DATE	DEPARTMENT
DTM	09	Engineering

TITLE	Suspension set up data
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DESCRIPTION

CATERHAM SET UP SPECIFICATION ISSUE 3 LOAD CONDITION:

Mid Laden = Full Fuel + 75kg distributed evenly in cockpit

	Front	Rear
Weight @ Kerb	145/150kg	154/150kg
Weight @ Mid Laden (+75kg)	154/159kg	183/179kg
Spring Rate	170 lb/in (part no 75517)	140 – 250 lb/in (part no 74076)
Ride Height	130 mm	145 mm
Wheels	6J x 13 ET 24	8J x 13 ET 24
Tyres	175/55/R13	205/55/R13
Camber	0.75 – 1.0 deg negative	Std De Dion setting.
Caster	4.25 - 4.75 deg	N/A
Bump Steer	1.0mm/50mm (out)	N/A
Toe (static)	0 deg +0 - 5' (out)	De Dion
Tyre pressures	22psi (cold std) 24psi (cold sporty driving)	20psi (cold std) 22psi (cold)
Damper setting	C400 F6	C400 R32
Damper end load at +55.0mm	167N	167N
Rack Spacers	Individually adjusted. Ave 11.0mm (based on 1 sample)	N/A
Measurement To Bump Stop Contact	Not known	25mm (nominal) No spacer. Machined poly bump stop.
Fitted length of spring (nominal)	161mm	335mm

