List of special tools													25			
List of special tools							•••		 					 		25A.02

## List of special tools

These tools are available from V.L. Churchill Limited, P.O. Box 3, London Road, Daventry, Northamptonshire, England NN11 4NF.

Number	Description	Illustration
PD.1D	Remover/replacer for valve guides (main tool).	
PD.1D-1A	Adaptor for use with PD.1D.	
PD.1C-6	Adaptor for use with PD.1D and PD.1D-1A.	
PD.41D	Gauge for piston height, valve depth and cylinder liner flange; for use with PD.208.	
PD.67-2	Drive adaptor for use with MS.67B.	
PD.67-3	Gear adaptor for use with MS.67B.	

Number	Description	Illustration
PD.67-4	Pointer for use with MS.67B.	
PD.67-5	Distance piece for Bosch pumps; use with MS.67B.	
PD.145D	Replacer tool for crankshaft rear seal.	
PD.150B	Remover/replacer for cylinder liner (main tool).	
PD.150B-17	Adaptors for use with PD.150B.	
PD.155B	Basic puller for camshaft and fuel pump gears.	
PD.155B-5	Adaptors for use with PD.155B.	
PD.163A	Centralising tool for timing case cover.	

Number	Description	Illustration
PD.170	Replacer tool for seal of timing case cover (main tool).	
PD.170-1	Pressure plate for use with PD.170.	
PD.170-2	Fastener plate for use with PD.170.	
PD.170-3	Sleeve for use with PD.170.	
PD.170-4	Seal adaptor for use with PD.170.	
PD.199	Spanner for flange nuts of fuel injection pump.	
PD.206	Replacer tool for pistons.	
PD.208	Dial gauge for use with PD.41D.	

Number	Description	Illustration
PD.6118B	Valve spring compressor.	June June 1
PD.6118-7	Stud adaptor for use with PD.6118B.	
PD.6118-8	Setscrew adaptor for use with PD.6118B.	
MS.67B	Timing gauge.	
MS.73A	Set of adjustable cutters for valve seats.	
MS.76B	Handle set for valve seat cutters (also included in MS.73A).	
MS.99	Gear puller for water pump.	
MS.107	Timing gauge for Bosch fuel injection pump.	

Number	Description	Illustration
MS.150-9.5	Adjustable pilot for valve seat cutters (also included in MS.73A).	
MS.275	Cutter for exhaust valve seats (also included in MS.73A),	
MS.281	Cutter for inlet valve seats (also included in MS.73A).	
MS.1531	Angle gauge to tighten cylinder head setscrews.	