

## MODEL A FORD PARTS SUPPLIERS

Exhaust Systems, - Contact Maurie Creedy, South Australia. (08) 8555 0349
Engine Reconditioning - Contact Ray Abbott, 18 Rio Street, Bayswater, WA 6053. (08) 9272 4566
Veteran, Vintage Classic Lubricants & Electrical Contact Bob Beams, 6 Rio Street, Bayswater, WA 6053 (08) 9272 6411
Henry's Model T & A Parts - Contact Keith Eastwood, Vic. (03) 5368 1088 http://www.snydersantiqueauto.com New Springfield, Ohio
http://www.macsaautoparts.com Lockport, New York
http://www.classicvintageparts.com Montgomery, New York
http://www.mikes-afordable.com Maysville, Georgia
http://www.lebaronbonney.com/ Amesbury, Massachusetts

## MODEL A FORD CLUBS

MAFCA <a href="http://www.mafca.com">http://www.mafca.com</a>
MARC <a href="http://www.modelaford.org">http://www.modelaford.org</a>
NSW: <a href="http://www.modelafordclubofnsw.com.au">http://www.modelafordclubofnsw.com.au</a>
QLD: <a href="http://carclubs.shannons.com.au/modelafordqld">http://carclubs.shannons.com.au/modelafordqld</a>
S.A. <a href="http://fordsa.homestead.com/FordA.html">http://fordsa.homestead.com/FordA.html</a>
VIC. <a href="http://www.modelafordclub.org">http://www.modelafordclub.org</a>
W.A. <a href="http://modelafordclub.com.au">http://modelafordclub.com.au</a>

## CONVERSION FACTORS

Liquid Volume:	1 US Gallon = 0.832 Imperial Gallon = 3.78 Litre
Distance:	1 mile = 1.609 kilometres
Length:	1 inch = 25.40 millimetres
Diameter:	1 thousandth of 1 inch (0.001") = 0.0254 millimetres
Cylinder Volume	1 cubic inch = 0.01638 Litre
Torque:	1 foot pound f = 0.138 kilogram metre
Pressure:	1 Pound per square inch (PSI) = 6.894 kilopascals (kPa)
Temperature:	100 degree Fahrenheit = 37.78 degree Celsius
Fuel consumption:	MPG = $\frac{\text{Distance in miles} \times 4.54}{\text{Litres used}}$

$$\text{Litres per 100km..} = \frac{282}{\text{MPG}}$$

## MODEL A FORD SPECIFICATIONS

Spark Plug gap: 0.030" to 0.035"	Engine — 4 cylinder cast iron
Contact point gap: 0.018" to 0.022"	Displacement: 200.5 cu. In. (3.28 litre)
Valve clearance: 0.013" to 0.015"	Bore & Stroke: 3.875" x 4.125"
Valve clearance (stainless): 0.016"	Brake Horsepower: 40 @ 2200 RPM
Piston to cylinder clearance: 0.002"	SAE Horsepower: 24.03
Wrist pin clearance: 0.0005"	Torque: 128 ft. lb f @ 1000 RPM
Crankshaft main journal: 1.625" dia	Torque: 174 newton metre @ 1000 RPM
Main brg. clearance .001" - 0.0015"	Firing Order: 1 2 4 3
Crankshaft rod journal: 1.4985" dia	Compression Ratio: 4.22:1
Big end clearance: 0.0015" - 0.002"	Compression: 76 PSI Gauge
Crankshaft end float 0.004" - 0.007"	Tyre pressure: 35 PSI (240 kPa)
Timing gear backlash: 0.003" - 0.005"	Engine Oil Capacity: 4.73 litre
Cylinder head torque: 50 ft. lbs	Fuel Tank: 37.8 litre (8.32 Imp. Gal.)
Con. Rod torque: 40 - 50 ft. lbs	Cooling system: 11.4 litre
Main bearing torque: 80 -100 ft. lbs	
Front Wheel alignment: Toe In	Engine + Gearbox weight
1/32" to 3/32" (0.8mm to 2.4mm)	= 475 lbs (215kg)
Standard Differential: 3.78:1 ratio	
34 tooth crown wheel 9 tooth pinion	
Mountain Differential: 4.11:1 ratio	
37 tooth crown wheel 9 tooth pinion	
<b>These specifications are taken from</b>	<b>the 'Model A Ford service bulletins'</b>