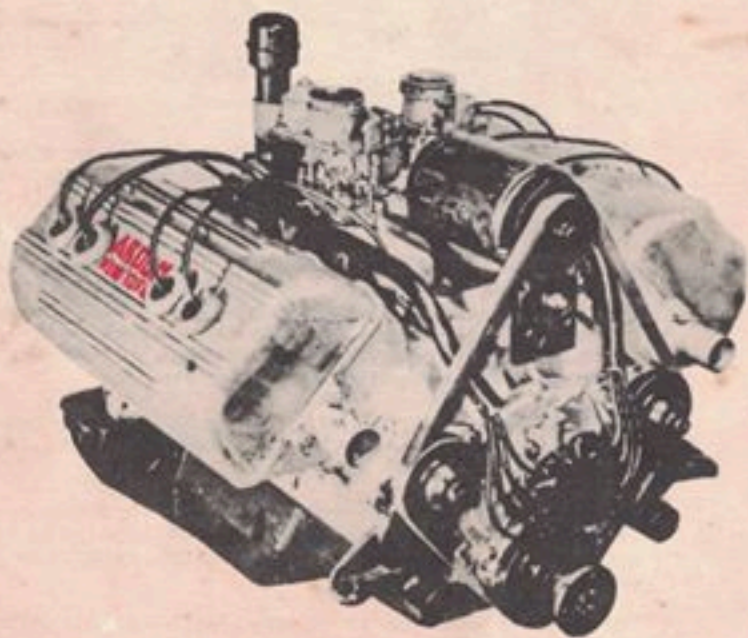


# ARDUN OVERHOV ENGINES AND CONVERSION KITS



AUTOMOTIVE • INDUSTRIAL • MARINE

# ARDUN OHV V-8 ENGINE

## HIGH THERMODYNAMIC EFFICIENCY

THROUGH HEMISPHERICAL COMBUSTION CHAMBER, CENTRALLY LOCATED SPARKPLUG

## HIGH MECHANICAL RELIABILITY

THROUGH DUAL VALVE SPRINGS  
NICHROME ROCKER ARMS  
PH. BRONZE VALVE GUIDES  
PRESSURE LUBRICATION  
REPLACEABLE  
VALVE SEATS  
STANDARD  
FORD BLOCK  
ASSEMBLY  
LOW PEAK  
PRESSURES

## HIGH CONTINUOUS OUTPUT

THROUGH LOW PEAK TEMPERATURES, INLET STREAM COOLED AUSTENITIC EXHAUST VALVE, REDUCED HEAT EXPOSED AREAS, STREAMLINED EXHAUST.

## HIGH VOLUMETRIC EFFICIENCY

THROUGH STREAMLINED TRUE DOWN-DRAUGHT INDUCTION SYSTEM, LARGE CROSS-SECTIONAL AREAS AND LARGE INTAKE VALVE

CAST ALUMINUM MANIFOLD

CAST ALUMINUM COVER

355-T6 HEAT TREATED ALCOA ALLOY CYLINDER HEAD

OIL RETURN LINE

## HIGH MECHANICAL EFFICIENCY

THROUGH INCREASED BMEP AND LOW PUMPING LOSSES

## RESULTS:

HIGH H.P., HIGH TORQUE, WIDE CONTINUOUS OPERATING RANGE, LOW SPECIFIC FUEL CONSUMPTION, LOW FIRST COST AND LOW MAINTENANCE COST.

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# CONVERSION KIT

A kit containing all the necessary parts for the conversion of Ford or Mercury engines to an overhead valve engine is available.

The Conversion Kit fits all 24-stud Ford and Mercury blocks, with the exception of the 19A series which has a relieved block.

This kit is entirely self-contained, including all parts necessary for a change-over. It consists of six sub-assemblies and loose parts, two heads with valve assemblies installed, two inlet rocker arm groups, and two exhaust rocker arm groups assembled with shaft and supports. The top cover with fuel pump adaptor and generator bracket, manifolds, valve covers, bolts, nuts, gaskets, etc., are supplied as loose parts.

The performance of the converted engine can be expected to conform to the foregoing specifications.

Literature containing instructions for assembly and adjustment is supplied with each Kit.

Installation requires no special tools and can readily be accomplished in six to eight hours.

