

10032 1937-54 216/235/261 ALTERNATOR AND AIR CONDITIONING INSTRUCTIONS

REQUIREMENTS:

- 1) SANDEN 508 (SD5) STYLE A/C COMPRESSOR WITH 2 GROOVES.
- 2) GM ALTERNATOR.
- 3) ON 1941-54 ENGINES, A 1954 WATER PUMP WITH 3/8" BELT GROOVE.
- 4) ON 1937-40 ENGINES, THE WATER PUMP PULLEY NEEDS TO BE REPLACED WITH A 3/8" ONE FROM A 1954 PUMP.
- 5) 1953-62 235 BALANCER WITH THE NARROWER GROOVE. 1953-54 WITH THE 6" DIA PULLEY WORK THE BEST, BUT THE 1955-62 WITH THE 6 3/4" DIAMETER PULLEY WILL ALSO WORK.
- 6) 36" LONG BELT FOR ALTERNATOR.
- 7) 45 1/2" LONG BELT FOR A/C IF USING 1953-54 BALANCER. 46" IF USING 1955-62 BALANCER.
- 8) **NOTE THAT 1955 FIRST SERIES TRUCK ENGINES ARE THE SAME AS 1954.**

BRACKET ASSEMBLY:

- 1) INSTALL COMPRESSOR MOUNTING PLATE TO COMPRESSOR WITH THE 3/8 X 5" LG BOLT AND FLAT WASHER. INSTALL COMPRESSOR ASSEMBLY TO THE ENGINE WITH (2) 3/8 X 7/8" LG BOLTS & FLAT WASHERS.
- 2) ATTACH COMPRESSOR ADJUSTER TO THE COMPRESSOR WITH THE 3/8 X 1-1/4" LG CARRIAGE BOLT AND NUT.
- 3) ATTACH THE ALTERNATOR MOUNTING PLATE OVER THE TOP OF THE COMPRESSOR ADJUSTER AT THE WATER PUMP USING A 3/8 X 2-1/2" LG BOLT. ATTACH THE TOP OF THE ALTERNATOR PLATE TO THE THERMOSTAT HOUSING WITH A 3/8 X 2-1/2" LG BOLT AND A 1" LG SPACER.
NOTE: FOR 1937-40 APPLICATIONS, A 1/2" LG SPACER WILL NEED TO BE ADDED BETWEEN THE WATER PUMP AND THE COMPRESSOR ADJUSTER STRAP. (NOT INCLUDED).
- 4) BOLT THE ALTERNATOR TO THE MOUNTING PLATE USING A 3/8 X 3-1/4" LG BOLT AND FLAT WASHER. BE SURE TO ADD THE 1/2" LG SPACER BETWEEN THE ALTERNATOR AND MOUNTING PLATE.
- 5) INSTALL THE ALTERNATOR ADJUSTER BETWEEN THE END OF THE COMPRESSOR ADJUSTER AND THE ALTERNATOR. USE A 3/8 X 1" LG BOLT AND NUT AT THE COMPRESSOR ADJUSTER END, AND A 5/16 X 1" LG BOLT AND FLAT WASHER AT THE ALTERNATOR. SEE PICTURES.
- 6) INSTALL ALTERNATOR FAN BELT BETWEEN THE REAR GROOVE OF THE COMPRESSOR AND THE ALTERNATOR.
- 7) INSTALL COMPRESSOR BELT. TIGHTEN COMPRESSOR BELT FIRST, THEN THE ALTERNATOR BELT.

BY PURCHASING/USING THIS PRODUCT, YOU ARE TAKING ALL RESPONSIBILITY FOR IT. DAVIS SPEED EQUIPMENT, LLC ASSUMES NO LIABILITY.

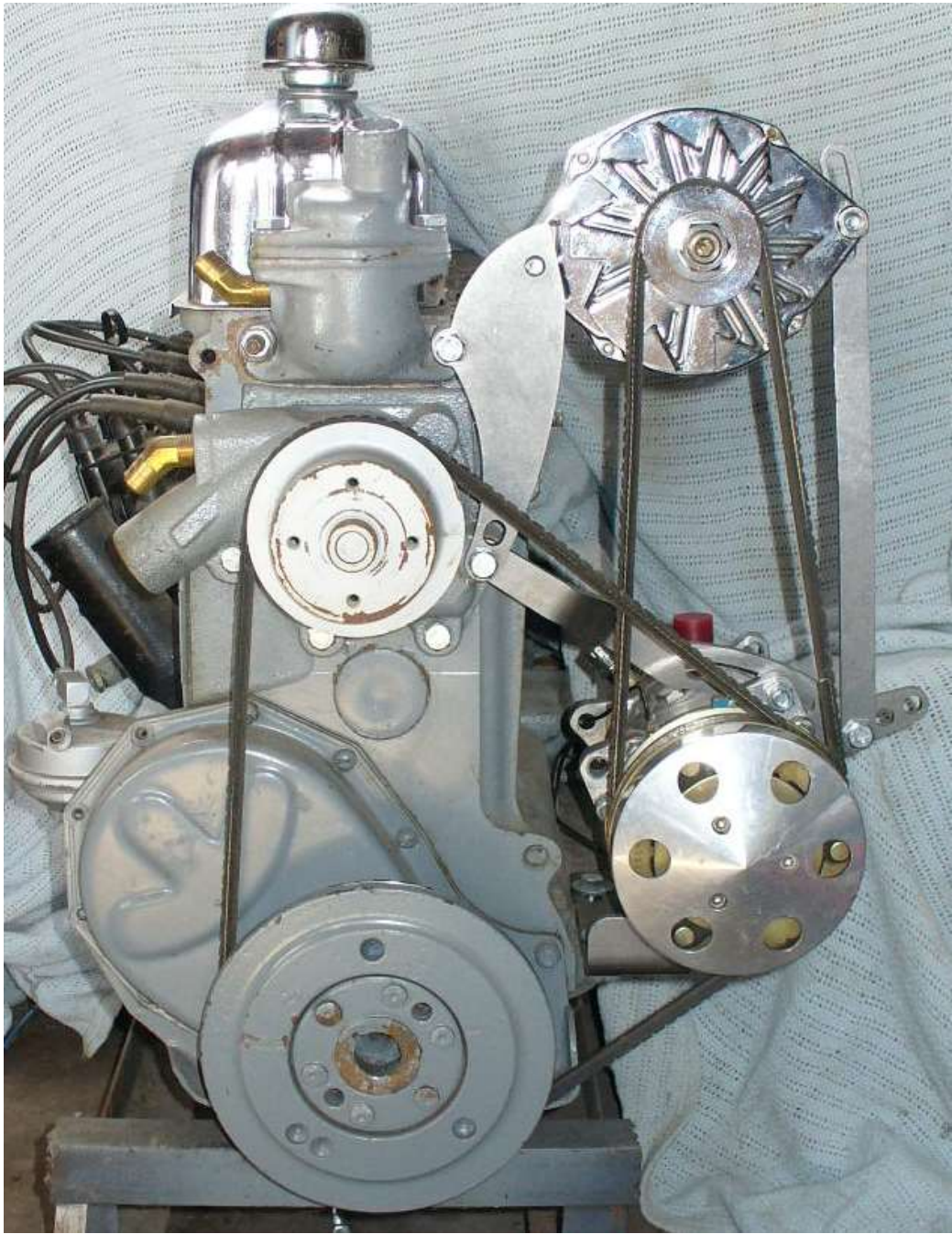
ALL PART DESIGNS BY DAVIS SPEED EQUIPMENT ARE THE PROPERTY OF DAVIS SPEED EQUIPMENT, LLC AND ARE NOT TO BE COPIED AND/OR SOLD WITHOUT PERMISSION.



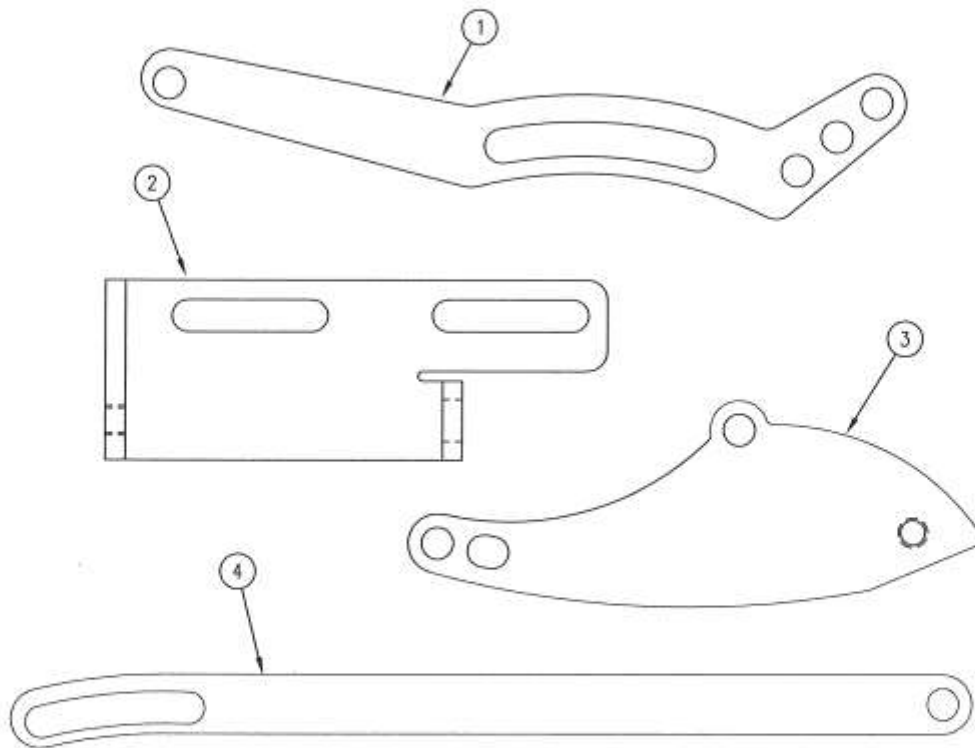
SEE THE VERTICAL MOUNTING HOLES IN OIL PAN RAIL TYPICAL OF ALL 1937-54 (AND 1955 FIRST SERIES TRUCK) ENGINES.



ABOVE PICTURE SHOWS ORIENTATION OF ALTERNATOR MOUNTING PLATE AND SPACERS.
1" SPACER GOES BETWEEN ALT MOUNTING PLATE AND THERMOSTAT HOUSING.
1/2" SPACER GOES BETWEEN ALTERNATOR AND ALT MOUNTING PLATE.



- ITEM 1 COMPRESSOR ADJUSTER
ITEM 2 COMPRESSOR MOUNTING PLATE
ITEM 3 ALTERNATOR MOUNTING PLATE
ITEM 4 ALTERNATOR ADJUSTER





NOTE THAT THE A/C ADJUSTER STRAP GOES ON BEFORE THE ALTERNATOR MOUNTING PLATE.

ON 1937-40 ENGINES, ADD A 1/2" SPACER BETWEEN THE PUMP AND ADJUSTER STRAP. (NOT SHOWN)