

ASSEMBLY INSTRUCTIONS

FOR YORK TO SANDEN CONVERSION COMPRESSORS

USING PART #'S 29-00910, 29-00920, 29-00960,
29-00980, 29-09120, 29-09160, 29-09610

**CHECK COMPRESSOR LABEL
FOR AMOUNT OF OIL
PRE-FILLED. ADD OR REMOVE
OIL IF NECESSARY.**

OEM Sanden
Use SP-15 oil
PT# 51-78030

Aftermarket Sanden
Use PAG 46 oil
PT #51-50070

**ALL AFTERMARKET
COMPRESSORS MUST BE
DRAINED AND REFILLED**

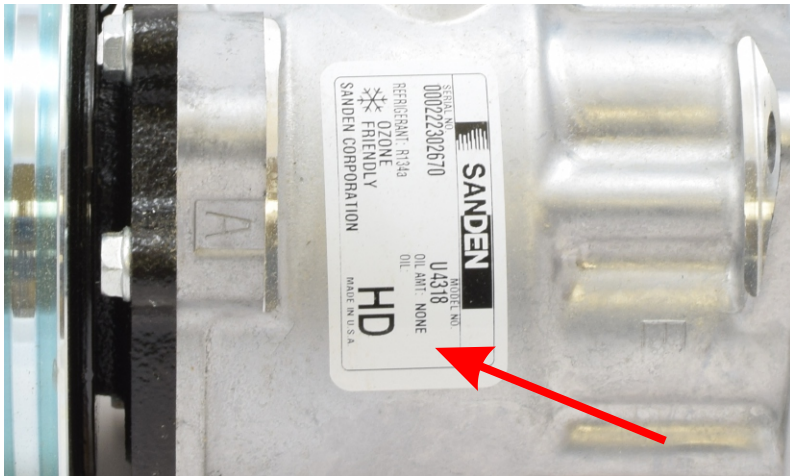


FIG. 1

MEASURE GAUGE LINE OF OLD YORK COMPRESSOR AND COMPARE READING TO NEW SANDEN WITH BRACKETS.

Most applications will have the stamped numbers on top of the casting toward the rear of the compressor. (red arrow fig. 2)

There are numerous applications for the cast brackets. It is critical to determine their correct placement before further assembly.

Brackets # 29-00910, 29-00920, 29-00960, 29-00980, and 29-09610 will completely fill the space between the ears of the compressor (83mm).

Brackets # 29-09120 AND 29-09160 will require additional spacer(s) between the ears to obtain proper gauge line. (see fig. 3 thru 5)

**DO NOT TIGHTEN BOLTS THROUGH EARS
WITHOUT THE FULL 83MM SPACE FILLED WITH
BRACKET AND SPACERS!!**

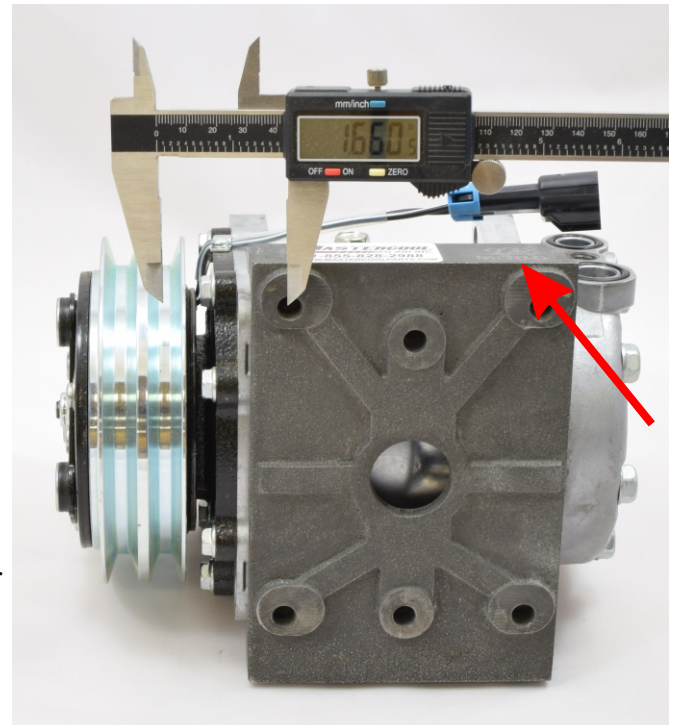


FIG. 2

29-09120 BRACKET REQUIRES ONE 3MM SPACER BETWEEN THE MOUNTING EARS OF THE COMPRESSOR.

Depending on application, spacer could be placed toward the front or rear of compressor. See fig. 3 and 4. Confirm gauge line with old York compressor to ensure proper placement.



FIG. 3

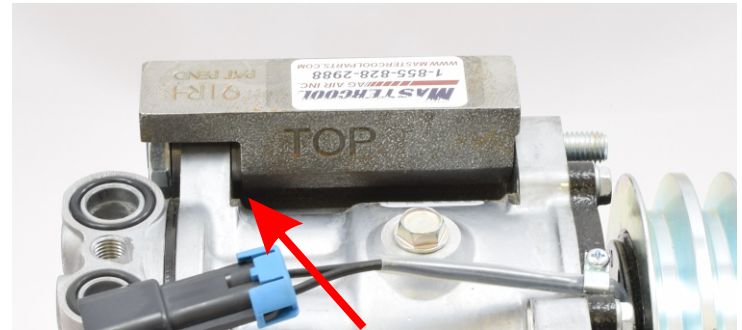


FIG. 4



FIG. 5

29-09160 BRACKET REQUIRES ONE 7MM SPACER BETWEEN THE MOUNTING EARS OF THE COMPRESSOR.

For most applications, the spacer will be towards the front of the compressor. See fig. 5. Confirm by comparing to gauge line of old York compressor.

FOR ALL APPLICATIONS, INSTALL ONE 3MM SPACER WASHER AT THE HEAD OF EACH M10-1.5X130 MM BOLT. BE SURE NOT TO CONFUSE 3MM SPACERS WITH THE FLAT WASHERS. SEE FIG. 6.



FIG. 6



FIG. 7

INSERT M10-1.5X130 MM BOLTS THROUGH COMPRESSOR EARS AND BRACKETS WITH THREADS POINTING TOWARDS COMPRESSOR CLUTCH. SEE FIG. 7.

BOLT MANIFOLD TO COMPRESSOR. SEE FIG. 8.



FIG. 8



FIG. 9

BOLT FRONT SUPPORT BRACKET TO COMPRESSOR AND MANIFOLD. SEE FIG. 9.

FOR SINGLE CLUTCH WIRE APPLICATIONS, USE REQUIRED PIGTAIL ADAPTER. BOLT GROUND WIRE TO THE M10-1.5X130 MM BOLT AT REAR OF COMPRESSOR.

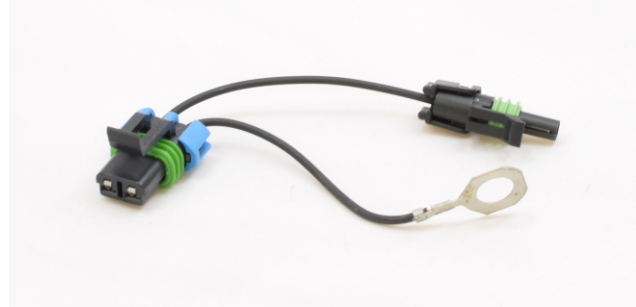


FIG. 10

For Weatherpack tower connector use:
Pt# 65-17385
Fig. 10

For Weatherpack shroud connector use:
(Navistar / International)
Pt# 65-17390
Fig. 11



FIG. 11



FIG. 12

MOUNT ASSEMBLED COMPRESSOR TO THE EXISTING YORK BRACKETS ON ENGINE. USE THE FLANGE HEAD BOLTS PROVIDED, SELECTING A LENGTH THAT WILL NOT BOTTOM OUT IN HOLE. IF NECESSARY, USE WASHERS TO SHIM BOLT OUT.

USE RED THREADLOCKER ON ALL MOUNT BOLTS.