



For use with:

- Chevy small block
- Short water pump
- Sanden 508 AC compressor

1. Use Loctite® removable threadlocker 242 (blue) on all fasteners.
2. Bolt compressor bracket [A] to passenger side head using bolt [C] 3/8-16 x 1-1/4" SHCS and bolt [D] 3/8-16 x 2" SHCS. Tighten.
3. Reinstall bracket [A] and shim between bracket [A] and head at bolt location [C] 3/8-16 x 1-1/4" SHCS to compensate for casting variances. Tighten bolt [C] and [D].
4. Bolt compressor adjustment arm [B] to bracket [A] using bolt [E] 3/8-16 x 1-1/4" SHCS and load washer. Do not tighten.
5. Bolt Sanden 508 compressor to bracket [A] and [B] using bolt [F] 3/8-16 x 1-3/4" SHCS and [G] 3/8-16 x 1-1/4" SHCS, do not tighten. Bolt compressor to bracket [B] using bolt [H] 3/8-16 x 1" SHCS, tighten.
6. Install compressor belt on front groove when using 2-groove pulleys.
7. Apply tension on compressor belt and tighten bolts [E] 3/8-16 x 1-1/4" SHCS, [F] 3/8-16 x 1-3/4" SHCS, and [G] 3/8-16 x 1-1/4" SHCS.

BILL OF MATERIALS

ITEM	QTY.	DESCRIPTION	SIZE
A		Compressor Main Bracket	
B		Compressor Adjustment Arm	
C		3/8"-16 Socket Head Cap Screw	1-1/4"
D		3/8"-16 Socket Head Cap Screw	2"
E		3/8"-16 Socket Head Cap Screw with 3/4" Load Washer	1-1/4"
F		3/8"-16 Socket Head Cap Screw with Stainless Flat Washer	1-3/4"
G		3/8"-16 Socket Head Cap Screw with Stainless Flat Washer	1-1/4"
H		3/8"-16 Socket Head Cap Screw with Stainless Flat Washer	1"

Optional: For early heads (Pre 1987) with only 1 drilled and tapped hole on passenger side head. Bolt bracket A to head using bolt [D] 3/8-16 x 2" SHCS while aligning top of bracket parallel to valve cover gasket surface. Spot drill head at bolt position [C] using a 25/64" drill bit to provide adequate start for tap drill. Remove bracket [A] and drill head using a 5/16" drill bit to a depth of 3/4". Tap head with a 3/8-16 tap to provide at least 5/8" of thread.