



8.2 Litre Performance Parts
Albuquerque, New Mexico

GM R4 AC COMPRESSOR BRACKET KIT

- ⊕ This bracket kit is intended for mounting the GM R4 'pancake' compressor. We generally use the compressor for a 1980 Cadillac with the 6.0L engine, Delco PN (available separately). This kit includes all other components needed to physically install the compressor on the engine.
- ⊕ Test fit the mid-block (rectangular bracket piece with one through hole and 2 slotted/ countersunk holes) on the block. It uses the same 2 bolt holes as the original front AC bracket. When everything clears, leave the bolts loose. Depending on which water pump you have, you may need to clear the water pump or bracket (area 'B') so that the bracket sits flat on the bolt bosses. If you are using the stock alternator bracket adjuster arm, you will need to clear either the arm or the bracket (area 'A'). See pictures.



- ⊕ Install the water neck/ thermostat housing with the hose neck away from the compressor location, toward the rear next to the intake manifold.
- ⊕ Next, install the front and rear compressor mount brackets. Bolt the front bracket (large flat bracket with 5 bolt holes) to the block using the countersunk bolts provided, which go through the water pump. Lining the center bolt hole in the front bracket up with the hole through the mid-block will make it easy to identify which water pump bolts to remove. There is a 3rd water pump bolt you may have to deal with, in between the 2 that hold the bracket on. Clearance as needed (depends on bolt style). Tighten the 2 bolts holding the front bracket to the block at this time. Then, align the rear bracket ('Y' shaped bracket with 3 threaded bolt holes) with the 3 remaining bolt holes in the front bracket and the through bolt hole in the mid-block, and use 1 of the 4" long bolts to connect the 3 brackets, and the other 2 to align the rear bracket with the front. When the brackets are aligned, tighten the bottom 4" through bolt and the 2 bolts holding the mid-block to the engine.
- ⊕ Remove the 2 upper 4" bolts from the brackets, and install the compressor using these 2 bolts. We generally orient the compressor so that the 2 Freon ports are on the passenger side of the compressor, 1 above the other. In some cases, a different orientation may be necessary.
- ⊕ You may or may not have to make or modify the wiring and/ or hoses to complete the installation. There are a variety of 1 piece and 2 piece hose mounting manifolds available through 4 seasons and other brands for making custom hoses.
- ⊕ Most R4 compressors do not come with a pressure switch installed, but there is a provision for one if needed. Napa is very good about providing the correct sensor based on the original sensor color and original compressor application.
- ⊕ In some cases, you may need to clear the stock distributor hold down clamp, as well.
- ⊕ Thank you for choosing **Cad Company's Best Engineered Parts for the Cadillac 472", 500, and 425" engines.** Feel free to call with any questions or suggestions _____ ☺

