

## \#10420 Alternator Bracket Mount Instructions <br> Side Mount - Driver Side

or use with:

- Chevy small block
- Short water pump
- GM 60 to 80 amp alternators


1. Use Loctite® removable threadlocker 242 (blue) on all fasteners.
2. Bolt alternator bracket [A] to drivers side head using bolts [E] 3/8$16 \times 2^{\prime \prime}$ SHCS and [F] 3/8-16 $\times 1-1 / 4^{\prime \prime}$ SHCS. Tighten.
3. Bolt alternator to bracket [A] using bolt [G] $3 / 8-16 \times 3$ " SHCS. Be sure to position alternator pivot bracket [C] between back of alternator and rear ear of alternator bracket, shim if necessary*. Do not fully tighten.
4. Bolt picot bracket threaded bushing [D] to alternator pivo $\dagger$ bracket using bolt [H] $1 / 4-20 \times 3 / 4$ " FHCS.
5. Bolt alternator adjustment arm [B] to alternator using bolt [J] $5 / 16-18 \times 1$ " BHCS and to threaded busing using bolt [1] $1 / 4-20 \times 3 / 4$ " FHCS. Tighten.
6. Bolt alternator adjustment arm [B] to lower ear on bracket [A] using bolt $[K] 3 / 8-16 \times 1-1 / 4^{\prime \prime}$ SHCS and load washer [W]. Do not fully tighten.
7. Install alternator belt on rear groove when using 2-groove pulleys.
8. Apply tension on alternator belt and tighten bolts [G] $3 / 8-16 \times 3$ " SHCS and [K] 3/8-16 $\times 1-1 / 4^{\prime \prime}$ SHCS.

| BILL OF MATERIALS |  |  |  |
| :---: | :---: | :--- | :---: |
| ITEM | QTY. | DESCRIPTION | SIZE |
| A | 1 | Alternator Main Bracket |  |
| B | 1 | Alternator Adjustment Arm |  |
| C | 1 | Alternator Pivot Bracket |  |
| D | 1 | Adjustment Arm To Pivot Bracket <br> Threaded Bushing |  |
| E | 1 | $3 / 8^{\prime \prime}-16$ Socket Head Cap Screw | $2 " \prime$ |
| F | 1 | $3 / 8^{\prime \prime}-16$ Socket Head Cap Screw | $1-1 / 4^{\prime \prime}$ |
| G | 1 | $3 / 8^{\prime \prime}-16$ Socket Head Cap Screw | $3 "$ |
| H | 1 | $1 / 4^{\prime \prime}-20$ Flat Head Cap Screw | $3 / 4^{\prime \prime}$ |
| I | 1 | $1 / 4^{\prime \prime}-20$ Flat Head Cap Screw | $3 / 4^{\prime \prime}$ |
| J | 1 | $5 / 16^{\prime \prime}-18$ Button Head Cap Screw | $1 "$ |
| K | 1 | $3 / 8^{\prime \prime}-16$ Socket Head Cap Screw | $1-1 / 4^{\prime \prime}$ |
| W | 1 | Stainless Load Washer | $3 / 4^{\prime \prime} \times 3 / 16^{\prime \prime}$ |
| X | 2 | Stainless Flat Washer | $3 / 4^{\prime \prime} \times .060^{\prime \prime}$ |
| ** | 2 | Stainless Flat Washer (Shims) | $3 / 4^{\prime \prime} \times .032^{\prime \prime}$ |
| $* *$ | 2 | Stainless Flat Washer (Shims) | $3 / 4^{\prime \prime} \times .010^{\prime \prime}$ |

*Shims are provided to shim alternator to bracket for a tight fit. Alternator mounting boss may vary due to polishing or plating.

