

Cummins Diesel
Mounting Plate Application Charts
 (for OTC #1750A Diesel Engine Repair Stand)

| Mounting Plate No. | Used On |
|--------------------|--|
| 205059 | NH, NTC, NTE 855 Series Inline 6 378 Series V6 & L10 6 Cyl. 504, 555, & 903 Series V8 KT 1150 Series Inline 6 |

INSTALLATION INSTRUCTIONS

1. Bolt the mounting plate to the engine as shown in one of the following application charts.
2. Find the engine's center of balance (or greatest concentration of weight). **NOTE: This is usually about two inches above the center of the crankshaft.** See Figure 1.
3. Attach side plates to the engine mounting adapter plate, but leave the cap screws and nuts loose.
4. Align the engine (with side plates attached to the adapter plate) with the universal mounting adapter plate. Raise or lower the engine until its center of balance is in-line with the rotating shaft of the engine stand.
5. Align the closest tapped holes in the universal mounting adapter plate with the holes in the side plates. Securely tighten the side plates to the engine mounting adapter plate and to the universal mounting adapter plate on the engine stand.

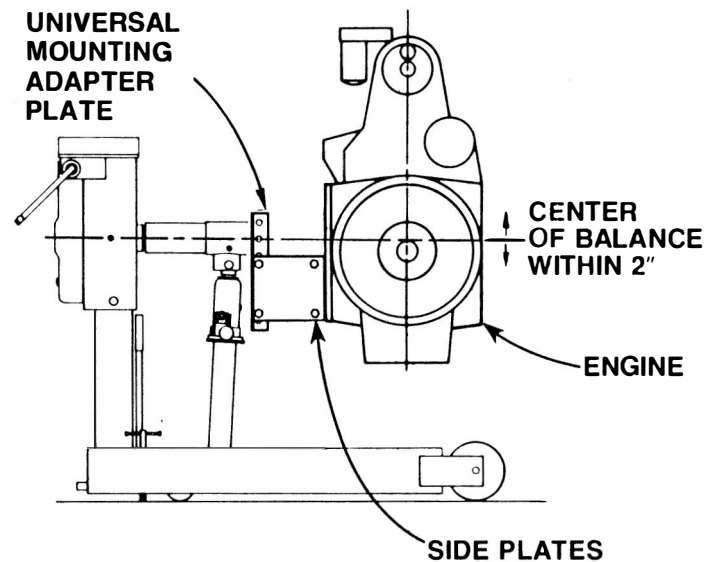


FIGURE 1

Fasteners:

| Item | Description | Qty. | Part # |
|-------------------|--|------|--------|
| CAP SCREWS | 3/8-16 UNC x 1-1/4" Lg. | 7 | 19828 |
| | 1/2-13 UNC x 3-1/2" Lg. | 2 | 18213 |
| | M10 x 1.5 6g x 35mm Lg. | 9 | 206158 |
| WASHERS | 3/8" Bolt Size | 9 | 10231 |
| | 1/2" Bolt Size | 2 | 10586 |
| SPACERS | 1-1/4" O.D. x 21/32" I.D. x 1-11/16" Lg. | 2 | 205107 |



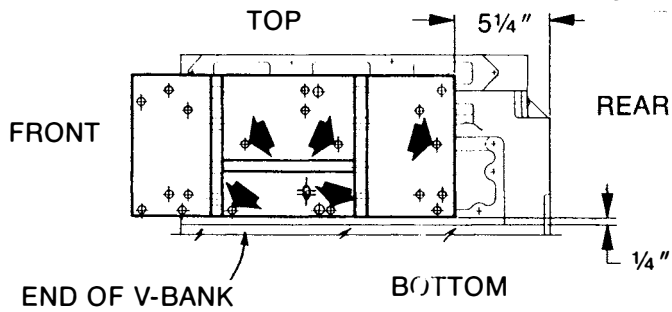
WARNING:

To help prevent personal injury,

- All mounting screws and bolts **MUST** be tight before starting work on the engine.
- Use only SAE Grade 8 (or Metric Grade 10.9) cap screws to mount the plate to the engine and to the engine repair stand.

Application Charts & Installation Instructions

MODEL 378 SERIES V6 Left Bank of Block



- (5) $\frac{3}{8}$ -16 UNC \times 1 $\frac{1}{4}$ " Lg. Cap Screw, Grade 8
- (5) $\frac{3}{8}$ " Washer

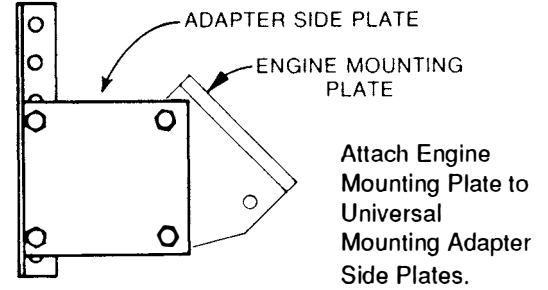
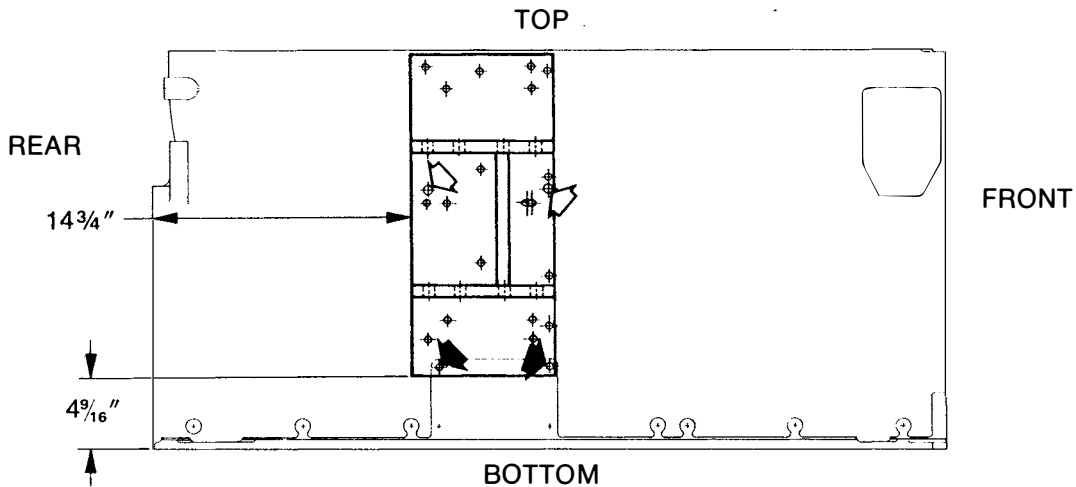


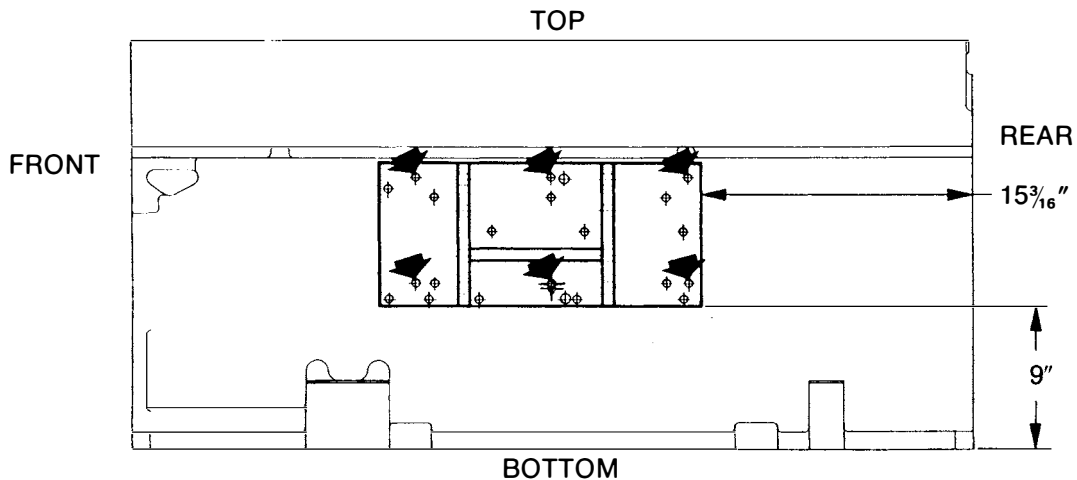
FIGURE 2

MODEL 855 SERIES INLINE 6 Right Side of Block



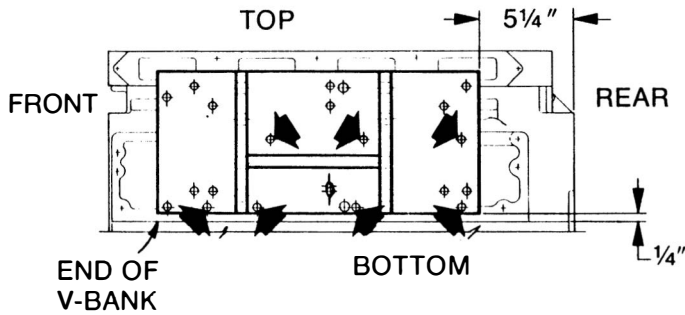
- (2) $\frac{3}{8}$ -16 UNC \times 1 $\frac{1}{4}$ " Lg. Cap Screw, Grade 8
- (2) $\frac{3}{8}$ " Washer
- (2) $\frac{1}{2}$ -13 UNC \times 3 $\frac{1}{2}$ " Lg. Cap Screw, Grade 8
- (2) $\frac{1}{2}$ " Washer
- (2) 1 $\frac{1}{16}$ " Lg. Spacer

MODEL KT 1150 SERIES INLINE 6 Left Side of Block



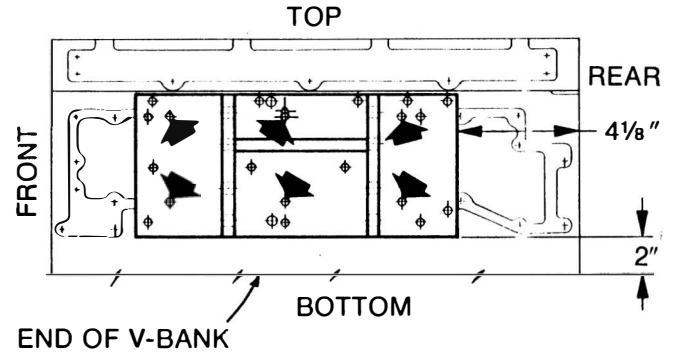
- (6) $\frac{3}{8}$ -16 UNC \times 1 $\frac{1}{4}$ " Lg. Cap Screw, Grade 8
- (6) $\frac{3}{8}$ " Washer

MODELS 504 & 555 SERIES V8
Left Bank of Block
 (See Figure 2)



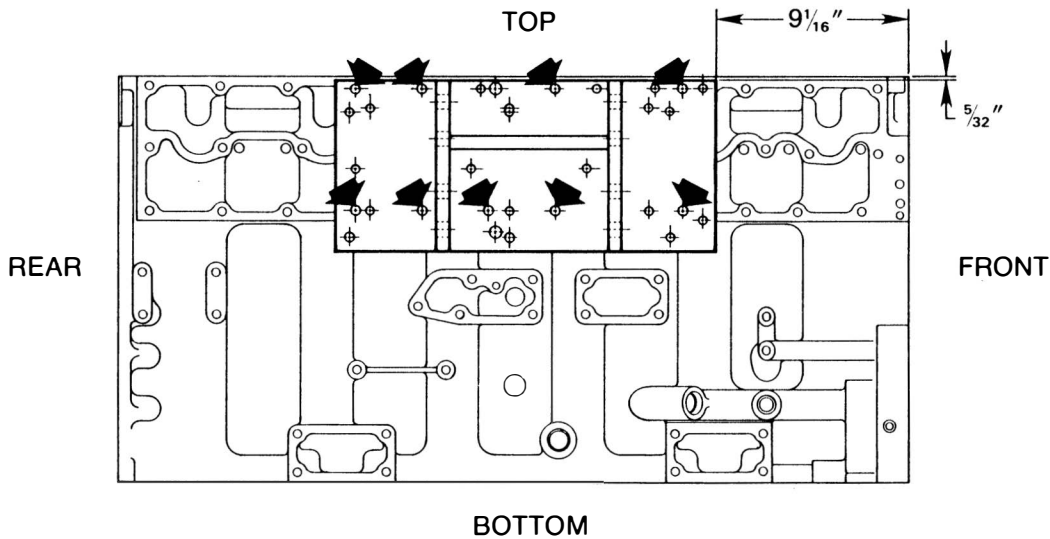
- (7) 3/8-16 UNC × 1 1/4" Lg. Cap Screw, Grade 8
- (7) 3/8" Washer

MODEL 903 SERIES V8
Left Bank of Block
 (See Figure 2)



- (6) 3/8-16 UNC × 1 1/4" Lg. Cap Screw, Grade 8
- (6) 3/8" Washer

MODEL L10 - 6 CYLINDER
Right Bank of Block



- (9) M10 × 1.5 6g × 35 mm Lg. Cap Screw, Grade 10.9
- (9) 3/8" Washer