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Form No. 102422

Application Charts &  
 Installation Instructions  
 for:

205101  
 205102  
 206629

## Mack Mounting Plate Application Charts

(for OTC #1750A Diesel Engine Repair Stand)

Mounting Plate No.	Used On
206629	477 Scania, 672 Inline 6 (1980 - current), E6, E7, V8 1000
205101	672, 673, 675, & 711 Inline 6 (up to 1980)
205102	864, 865, & 866 V8



**WARNING:** To prevent personal injury,



- Wear eye protection that meets ANSI Z87.1 and OSHA standards.



- Tighten all mounting screws and bolts 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.

### 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 plate and to the universal mounting adapter plate on the engine stand.

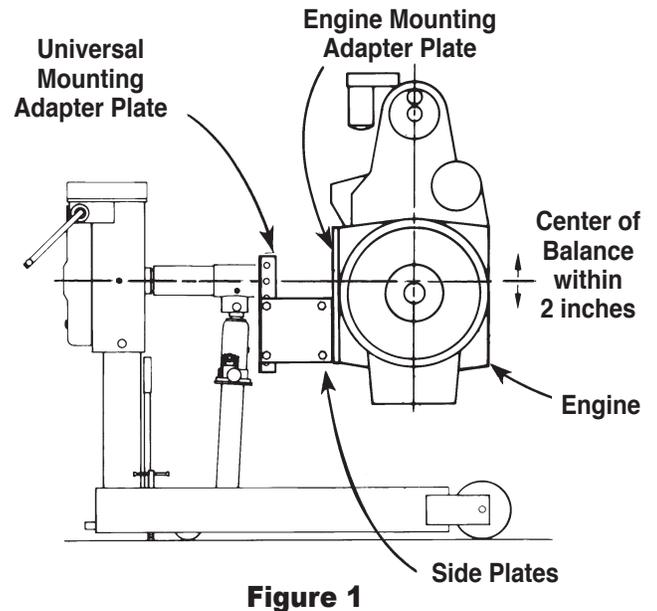


Figure 1

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Sheet No. 1 of 2

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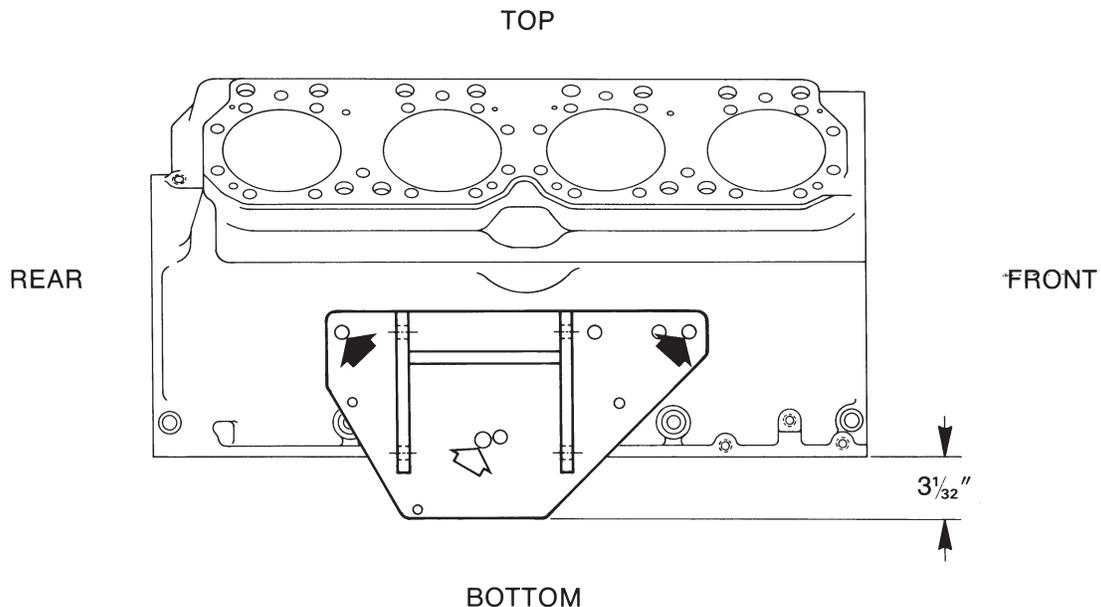
**Mounting Plate #206629**



**WARNING:** To prevent personal injury, 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.

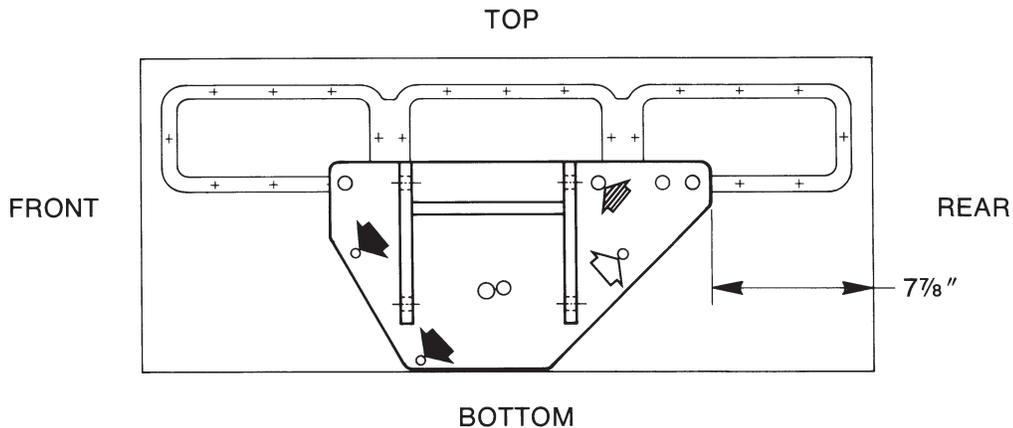
Fasteners	Description	Qty.	Part No.
Cap Screws	5/8-11 UNC x 1-1/2" lg.	3	19654
	5/8-11 UNC x 3-3/4" lg.	2	19814
	3/4-10 UNC x 2-1/2" lg.	1	104474
	M10 x 1.5 6g x 25 mm lg.	2	19849
	M12 x 1.75 6g x 30 mm lg.	1	19848
	M16 x 2 6g x 35 mm lg.	1	19847
	M16 x 2 6g x 100 mm lg.	2	211988
	M16 x 2 6g x 50 mm lg.	1	216907
Washers	3/8" Bolt Size	2	10231
	7/16" Bolt Size	1	10232
	5/8" Bolt Size	3	10235
	3/4" Bolt Size	1	10236
Spacers	1-1/16" O.D. x 13/16 I.D. x 1/2" lg.	1	202824
	1-1/4" O.D. x 21/32" I.D. x 2-1/16" lg.	2	206628

**MODEL V8 1000**  
(1980 - current)  
**Right Side of Block**  
(Mounting Plate #206629)



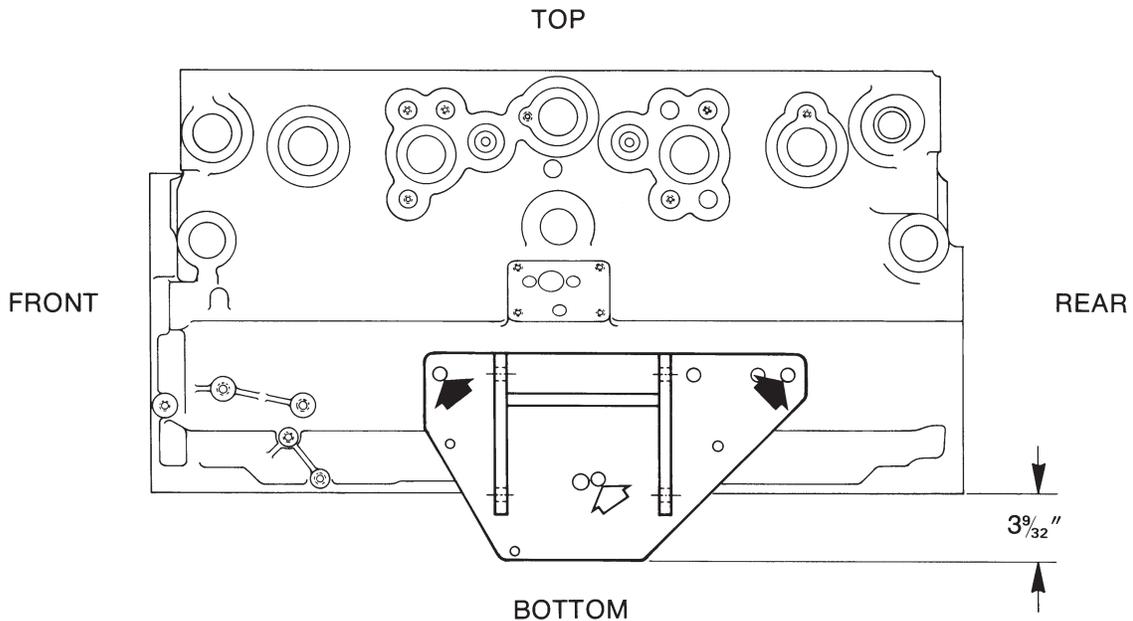
- ➡ (2) 5/8-11 UNC × 1 1/2" Lg. Cap Screw, Grade 8
- ➡ (2) 5/8" Washer
- ➡ (1) 3/4-10 UNC × 2 1/2" Lg. Cap Screw, Grade 8
- ➡ (1) 3/4" Washer
- ➡ (1) 1 1/16" O.D. × 1/2" Lg. Spacer

**Mack - Scania Model ETZ-477**  
**Left Side of Block**  
 (Mounting Plate #206629)



- (2) M10 × 1.5 6g × 25mm Lg. Cap Screw, Grade 10.9
- (2) 3/8" Washer
- ◁ (1) M12 × 1.75 6g 30mm Lg. Cap Screw, Grade 10.9
- ◁ (1) 7/16" Washer
- (1) M16 × 2 6g × 35mm Lg. Cap Screw, Grade 10.9
- ◁ (1) 5/8" Washer

**Model 672 & E6 or Model E7**  
 (1980 - current)  
**Left Side of Block**  
 (Mounting Plate #206629)



- MODEL 672**
- (2) 5/8-11 UNC x 3-3/4" Lg. Cap Screw, Grade 8
  - (2) 5/8" Washer
  - (2) 1-1/4" O.D. x 2-1/16" Lg. Spacer
  - ◁ (1) 5/8-11 UNC x 1-1/2" Lg. Cap Screw, Grade 8
  - ◁ (1) 5/8" Washer

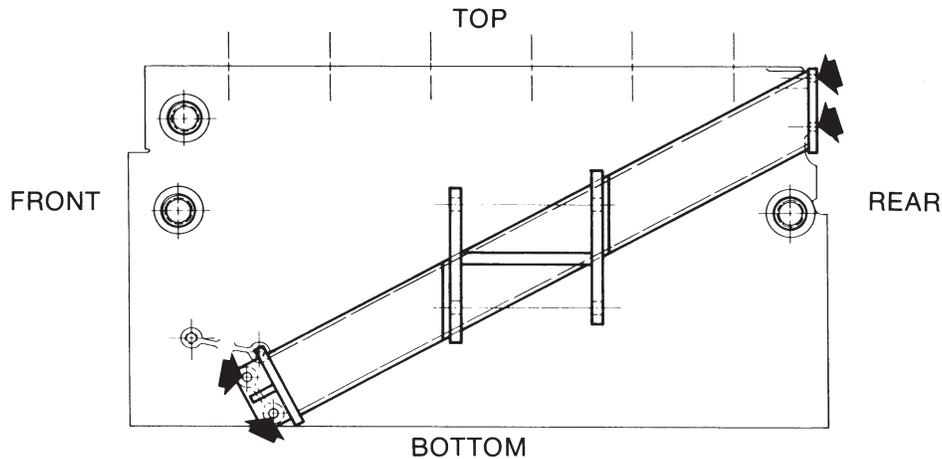
- MODEL E7**
- (2) M16 x 2 x 100mm Lg. Cap Screw, Grade 10.9
  - (2) 5/8" Washer
  - (2) 1-1/4" O.D. x 2-1/16" Lg. Spacer
  - ◁ (1) M16 x 2 x 50mm Lg. Cap Screw, Grade 10.9
  - ◁ (1) 5/8" Washer

**Mounting Plate #205101**

Fasteners	Description	Qty.	Part No.
Cap Screws	1/2-13 UNC x 1-1/4" lg.	4	19811
Washers	1/2" Bolt Size	4	10586

**! WARNING:** To prevent personal injury, 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.

**Model 672, 673, 675, or 711**  
(up to 1980 production)  
**Left Side of Block**



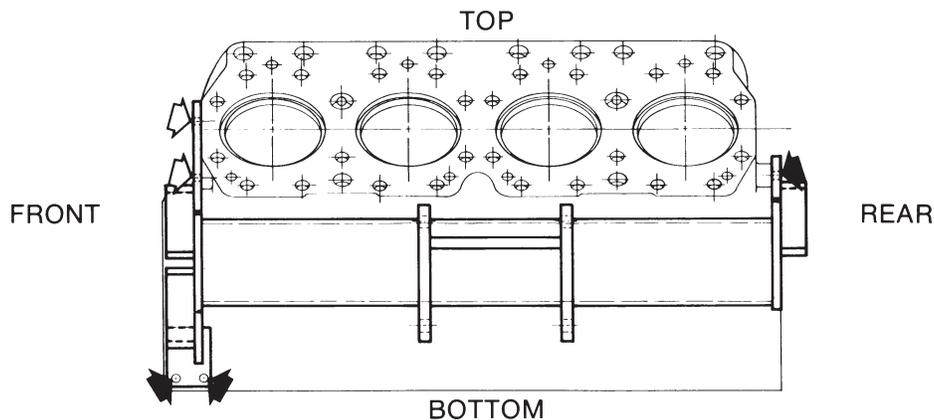
- ▶ (4) 1/2-13 UNC × 1 1/4" Lg. Cap Screw, Grade 8
- ▶ (4) 1/2" Washer

**Mounting Plate #205102**

Fasteners	Description	Qty.	Part No.
Cap Screws	3/8-16 UNC x 1" lg.	3	19812
	7/16-14 UNC x 1" lg.	2	19874
Washers	3/8" Bolt Size	5	10231
	7/16" Bolt Size	3	10232

**! WARNING:** To prevent personal injury, 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.

**Model 864, 865, or 866 V8**  
**Left Side of Block**



- ▶ (3) 3/8-16 UNC × 1" Lg. Cap Screw, Grade 8
- ▶ (3) 3/8" Washer
- ◁ (2) 7/16-14 UNC × 1" Lg. Cap Screw, Grade 8
- ◁ (2) 7/16" Washer