



**INSTALLATION INSTRUCTIONS**  
P/N 24861 and 24862

The following are some suggestions for you to keep in mind when constructing your oil pump pickup. We are sure that, if you have purchased one of these kits, you have the skills that are necessary to build your pickup.

1. It is very important that all of the welding be done on a Heli-Arc welder.
2. You should already have your oil pan made, or at least know the depth of the sump, and location of baffles.
3. The easiest way to approach this job is with the engine on an engine stand. Have the engine turned upside down with the oil pump bolted to the main cap.
4. As far as height is concerned, you want to keep the bottom of the pickup box about 1/4" from the floor of the sump.
5. Make sure that no part of the pickup (brace, tube, box) comes in contact with any part of the pan.
6. The location of the pickup box inside the pan is determined by the type of racing that you are going to do. The following sketches will give you some ideas.

Press in type pickup tubes must be brazed to the oil pump before the pump is installed.

**INSTALLATION**

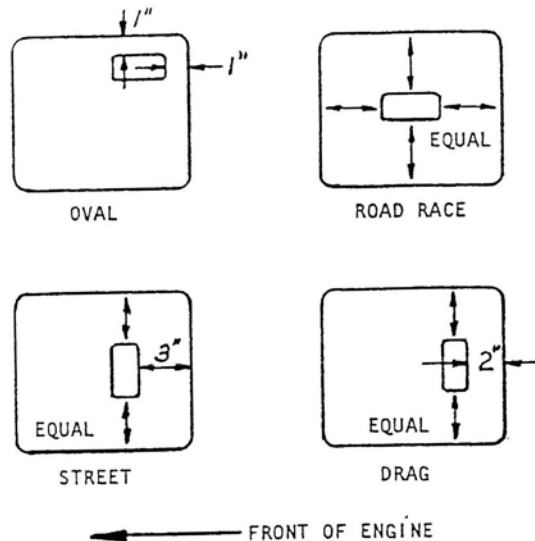
1. Remove pressure relief spring to avoid heat damage.
2. Press pickup tube into position. Tube must be pressed a minimum of 1/2" into pump.
3. Braze to pump housing all the way around the tube.
4. Clean assembly.
5. Re-install pressure relief spring.
6. Install pump.

**PARTS LIST FOR #24861**

- |   |                                    |
|---|------------------------------------|
| 2 | 1/4-20 X 3/4 SHCS                  |
| 2 | WASHER 1/4" SPLIT LOCK ZINC        |
| 1 | PICKUP BOX ASSEMBLY                |
| 1 | PICKUP TUBE                        |
| 1 | SUPPORT BRACKET                    |
| 2 | 6MM-1 X 20MM HHCS GR8.8 CLEAR ZINC |

**PARTS LIST FOR #24862**

- |   |                     |
|---|---------------------|
| 1 | PICKUP BOX ASSEMBLY |
| 1 | PICKUP TUBE         |
| 1 | SUPPORT BRACKET     |



(92096)

page 1 of 1

**For Technical Assistance, Call Moroso's Tech Line at  
(203) 458-0542, 8:30am – 5:00pm Eastern Time**

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