

SETUP

ENGINE STAND MODEL 78108

STEP 1. Install casters (7) and (8) on forward leg (1) with eight each 3/8-16 x 1" bolts (14) and 3/8-16 nut (16).

STEP 2. Install two wheels (9) on rear leg (3) with two each 1/2 x 3-1/2" bolt with grease fitting (15) and 1/2 nut (22) and tighten.

STEP 3. Insert tail end of forward leg (1) into rear leg (3). Drop a 1/2 x 4" bolt (13) and two 1/2 x 1-1/2" bolt (10) through lower plate of upright (2) and through holes in rear leg (3). Use three 1/2" nylon lock nuts (17) to secure bolts and tighten lightly. Use one 1/2 x 1" bolt (12) through welded nut - Now tighten bolts and lock nuts securely.

STEP 4. Insert head plate tube (4) through upright tube (2) as shown. Insert handle (6) through hole in head tube (4) - Center handle, press fit two end caps (21) on the handle and secure head plate tube (4) with two 1/2 x 1" bolts (12).

STEP 5. Attach four engine adaptor arms (5) to mounting head plate (4) with four 1/2 x 2-1/2" bolts (11) and four each 1/2" washers (20) and 1/2 nuts (18) - Tighten lightly.

| INDEX NO. | DESCRIPTION | STOCK NO. | QTY. |
|-----------|---|-----------|------|
| 1 | Forward Leg | 478240 | 1 |
| 2 | Upright | 478245 | 1 |
| 3 | Rear Leg | 478250 | 1 |
| 4 | Mounting Head | 478270 | 1 |
| 5 | Engine Adaptor Arm | 478275 | 4 |
| 6 | Handle | 45100962 | 1 |
| 7 | Caster Without Lock | 492010 | 1 |
| 8 | Caster With Lock | 492015 | 1 |
| 9 | Wheel | 492005 | 2 |
| 10 | 1/2" Dia. x 1-1/2" Long Bolt | 45100006 | 2 |
| 11 | 1/2"-13 x 3" Long Bolt GR5 | 11167 | 4 |
| 12 | 1/2"-13 x 1" Long Bolt, GR5 | 11104 | 3 |
| 13 | 1/2"-13 x 4" Hex Head Cap Screw GR 5 Plated | 11102 | 1 |
| 14 | 3/8"-16 x 1 1/4" Long Bolt, GR3 | 11015 | 8 |
| 15 | 1/2" 13 x 3 3/4" Long Bolt | 11124 | 2 |
| 16 | 3/8" Nylon Lock Nut | 1054 | 8 |
| 17 | 1/2"-13 Nylon Lock Nut | 1056 | 5 |
| 18 | 1/2"-13 Finish Nut | 1139 | 4 |
| 20 | 1/2" Flat Washer | 2158 | 4 |
| 21 | End Cap | 479248 | 2 |
| 22 | 1/4"- 20 x 1 1/2" Bolt | 11060 | 2 |
| 23 | 1/4"- 20 Nylon Lock Nut | 1053 | 2 |

