



AUTOMOTIVE PRODUCTS GROUP

ENGINE STAND MODEL 78108

STEP 1. Install casters (7) and (8) on forward leg (1) with eight each 7/16 x 1" bolts (14) and 7/16 nut (16) and washer (19).

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 nut (18) - Tighten lightly.

INDEX NO.	DESCRIPTION	STOCK NO.	QUANTITY REQ.
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	478280	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	11128	2
11	1/2" Dia x 2-1/2" Long bolt, GR5	11127	4
12	1/2" x 1" Long bolt, GR5	11058	3
13	1/2" x 4 1/4" Long bolt, GR5	11131	1
14	7/16" x 1 1/4" Long bolt, GR3	11126	8
15	1/2" x 3-1/2" Long bolt (w/Grease fitting & fine thread)	11046	2
16	7/16" Nylon Lock Nut	1072	8
17	1/2" Nylon Lock Nut	1056	3
18	1/2" Nut	2073	4
19	7/16" Flat washer	1007	8
20	1/2" Flat washer	2074	4
21	End cap	478277	2
22	1/2" - 20 Nylon Lock Nut	1048	2

