



## ATD-7482 1,250 Lbs. U-Style Engine Stand Owner's Manual



### Features:

- All ATD engine stands are constructed from heavy gauge, welded, square tubular steel and feature extra-long handles with rubber grip for easy rotation and maneuvering
- Designed with bottom parts tray and extra cross beam for added support
- Meets or exceeds ASME / PASE 2014 standards

### Specifications:

- Capacity: 1,250 lbs.
- Base Size: 33-3/8" x 33-7/8"
- Overall Height: 42-3/4"
- Head Plate Expansion: 7-1/2" x 10-1/2"
- Head Plate Thickness: 5/8"
- Mounting Arm Dimensions: 3/4" diameter x 2.5" depth
- Wheel Diameter: 3-1/2"
- Handle Length: 20-1/4"

**Save these instructions.** For your safety, read and understand the information contained within. The owner and operator should have an understanding of this product and safe operating procedures before attempting to use this product. Instructions and Safety information should be conveyed in the operator's native language before use of this product is authorized. Make certain that the operator thoroughly understands the inherent dangers associated with the use and misuse of the product. If any doubt exists as to the safe and proper use of this product as outlined in this factory authorized manual, remove from service until which time it is clear. **Inspect before each use.** Do not use if broken, bent, cracked or otherwise damaged parts are noted. If the stand has been or suspected to have been subjected to a shock load, discontinue use until checked out by an authorized factory service center. Owners and operators of this equipment should be aware that the use and subsequent repair of this equipment may require special training and knowledge. It is recommended that an annual inspection be done by qualified personnel and that any missing or damaged parts, decals, warning / safety labels or signs be replaced with factory authorized replacement parts only. Any stand that appears to be damaged in any way, is worn or operated abnormally should be removed from service immediately until such time as repairs can be made.

### PRODUCT DESCRIPTION

ATD Tools Engine Stands are designed to safely support rated capacity engines. Welded steel tube construction, heavy gauge steel head plates and mounting arms along with compliance with the latest **ASME/PASE** standards ensure safety, strength and stability. Each model comes with a head plate lock which helps prevents inadvertant rotation of engine. Model # ATD-7482 base is of U-shaped construction. The U-shape allows even greater stability of loads up to 1,250 lbs.

### SPECIFICATIONS

Model	Capacity	Base Size (L x W)	Overall Height	Head Plate	Head Plate Expansion	Wheel Diameter	Handle Length	Weight
ATD-7482	1,250 lbs.	33-3/8" x 33-7/8"	42-3/4"	7-1/2" x 6-1/2" x 5/8"	7-1/2" - 10-1/2"	3-1/2"	20-1/4"	83.25 lbs.

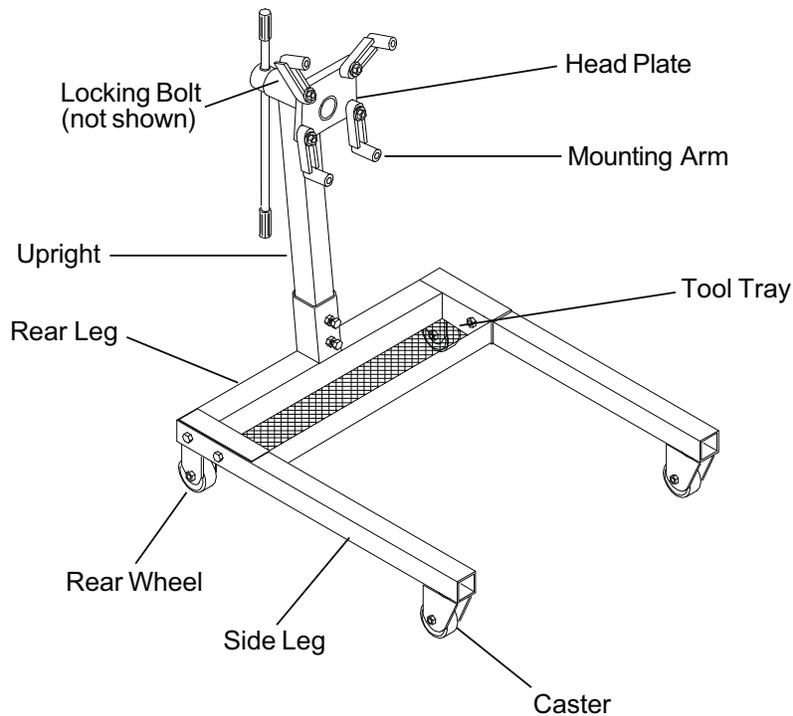


Figure 1 - Model ATD-7482 Engine Stand components

## ASSEMBLY

1. Attach wheel bracket (15) to side leg (24) with bolt, washer & nut (19, 12 & 11) up from bottom.
2. Insert bushing (20) into wheel (21).
3. Attach wheel (21) to bracket (15) with bolt, washer & nut (16, 17 & 18).
4. Attach caster (22) to side leg with bolt & washer (23 & 17).
5. Attach center beam (25) to side legs (24) with two bolts & washers (14 & 13) each.
6. Attach upright (7) to center beam (25) with two bolts (8).
7. Place head plate assembly (6) into collar of upright (7). Insert bolt (8) to fasten head plate assembly.
8. Attach all four mounting arms (4) to head plate (6) with bolt, flat washer, lock washer & nut (5, 3, 2 & 1) each.
9. Insert handle (10) into hole of head plate assembly (6). Place handle grip (9) on each end of handle.

**NOTICE:** Check all fasteners for tightness, tighten where required.

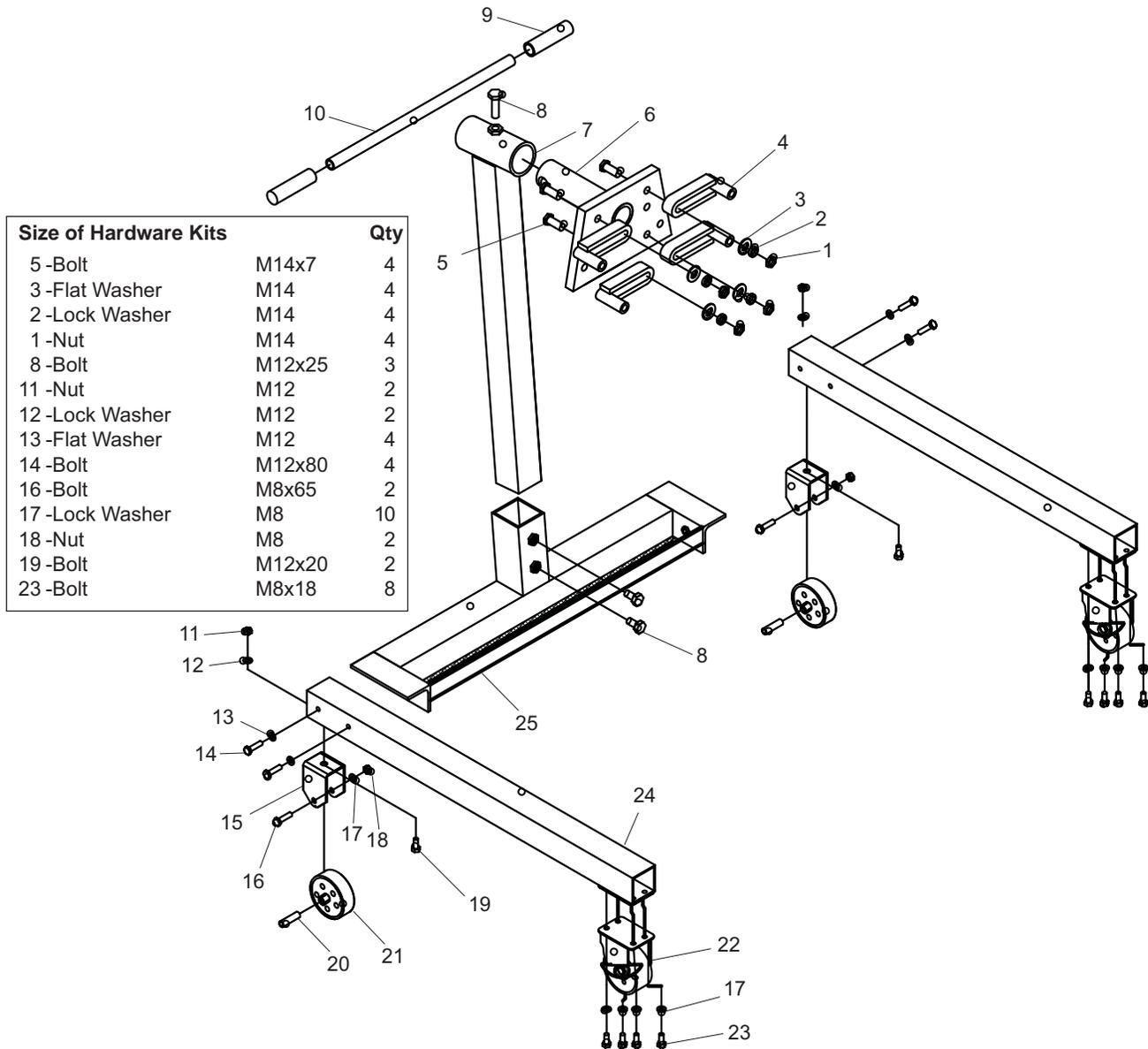


Figure 2 - Assembly Illustration for Model ATD-7482

## WARNING

FAMILIARIZE YOURSELF THOROUGHLY WITH PRODUCT. READ AND UNDERSTAND OWNER'S MANUAL BEFORE USE. USE ON HARD LEVEL SURFACES CAPABLE OF SUSTAINING RATED CAPACITY LOADS. DO NOT OVERLOAD BEYOND RATED CAPACITY. LOCK ROTATING DEVICE BEFORE APPLYING LOAD. *MOVE LOADED STAND CAREFULLY AND ONLY OVER LEVEL, SMOOTH SURFACES. ROTATE ENGINE SLOWLY, CAREFULLY.* TAKE EVERY NECESSARY PRECAUTION TO ENSURE YOUR SAFETY. OFF CENTER LOADS MAY CAUSE THE STAND TO TIP OR FLIP VIOLENTLY. DO NOT MODIFY STAND OR SUBSTITUTE HARDWARE. NEVER USE THIS PRODUCT FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS DESIGNED. NEVER ADD EXTENSION DEVICE TO ADAPTER BARS. FAILURE TO HEED THIS WARNING MAY RESULT IN SEVERE INJURY AND/OR PROPERTY DAMAGE.

### BEFORE USE

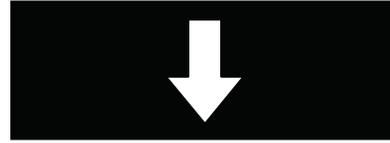
1. Inspect stands before each use. Do not use if bent, broken or cracked components are noted. Ensure that casters / wheels and head plate rotate freely. Check for and tighten any loose assemblies.
2. Verify that the product and the application are compatible.
3. Before using this product, read the owner's manual completely and familiarize yourself thoroughly with the product and the hazards associated with its improper use.

### OPERATION

1. Ensure application is compatible with product.
2. Align engine with stand, then adjust mounting arms to match bell housing mounting bolt holes. **Rotational lock must be secure before applying load.**
3. Carefully secure engine so that load is centered on stand. Secure with suitable high strength stud bolts and flat washers. **Ensure threads are compatible with your engine.** Use flat washers on both sides of head plate.
4. To rotate engine, loosen bolt. Use handle to rotate, then secure with rotational locking device.
5. Check to ensure stand is secure before working on or around stand. **NEVER WORK UNDER LOADED STAND.**

**NOTE: DO NOT MOVE LOADED STAND OFF HARD SMOOTH, LEVEL SURFACE!**

## WARNING



### MAINTENANCE

Periodically inspect each stand. Ensure all parts move freely. Apply very light coating of grease to head plate collar. If rust appears, sand affected area and cover with suitable utility paint.

## REPLACEMENT PARTS

Available Parts: Please refer to the Parts drawing when ordering parts. Not all components of the product are replacement items, but are illustrated as a convenient reference of location and position in the assembly sequence. When ordering parts, give model number, part number and description below.

Item	Part#	Description	Qty
1	BL80-20001-000	Handle	1
2	5101-12025-000	Locking Bolt	1
3	T084-04000-000	Head Plate	1
4	T084-05000-000	Mounting Arm	4
5	T084-00003-000	Wheel	2
6	T084-30000-000	Caster, 3 1/2"	2
7	T084-00002-000	Axle, Wheel	2
8	T084-00001-000	Bracket, Wheel	2
-	T084-07000-000	Hardware Kit	-

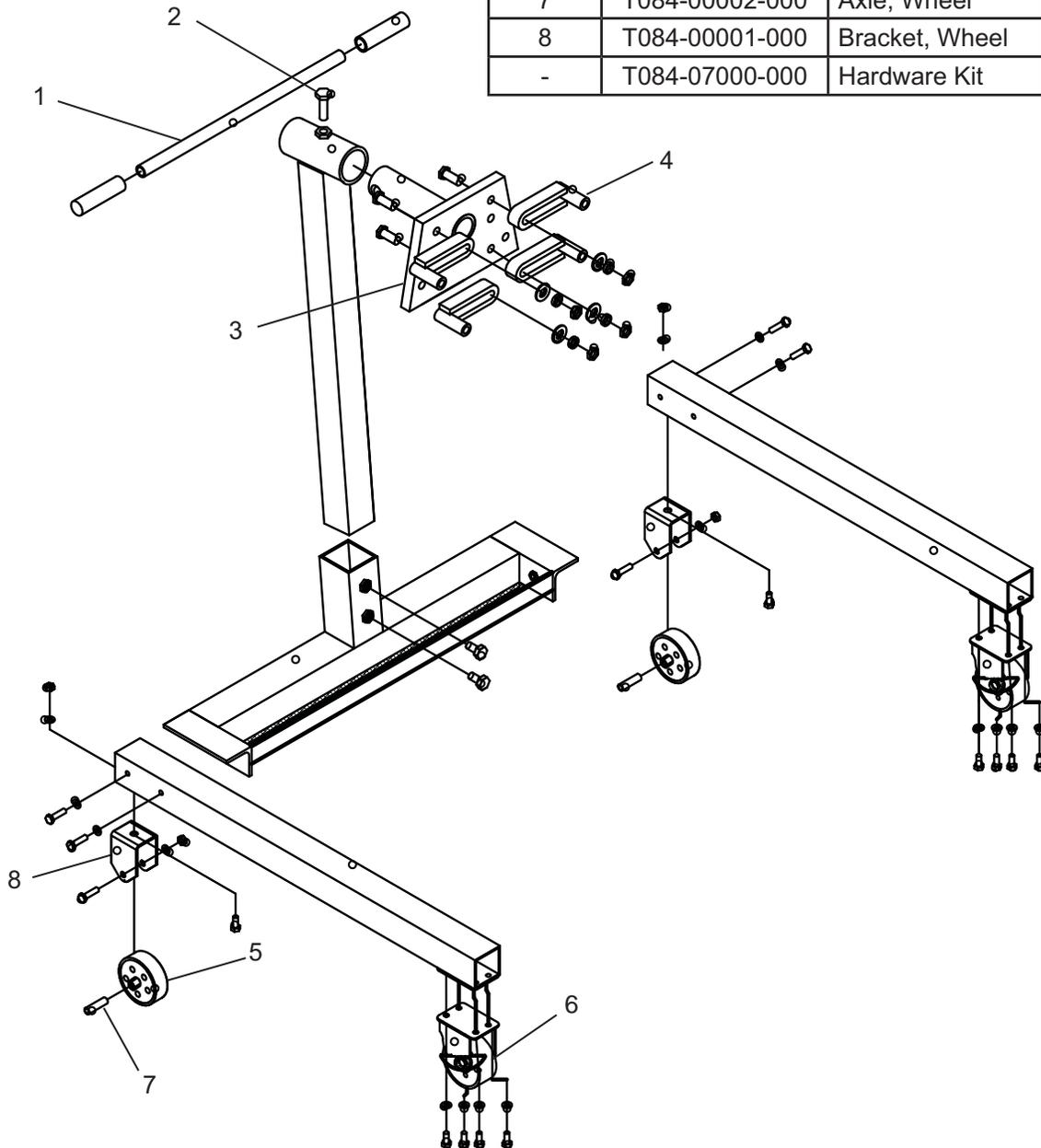


Figure 3 - Replacement Parts Illustration for model ATD-7482