



**PARK TOOL CO.**

6 Long Lake Road  
St. Paul, MN 55115

**DELUXE WALL  
MOUNT REPAIR  
STAND PRS-4W**

### **ASSEMBLY AND MAINTENANCE**

1. Attach wall mount support tube to wall stud or post using 7/16" bolts, nuts, and washers, or 7/16" lagbolts (not included).
2. Insert the clamp assembly into the horizontal tube. If necessary, rotate the locking lever on the horizontal tube assembly one or two turns counter-clockwise to open the lock blocks. Rotate the locking lever clockwise to lock the clamp assembly in and to prevent it from rotating.
3. The clamp assembly is lubricated at the factory. An occasional oiling of its pivot points and a thin layer of grease applied to the threads of the eye bolt will assure smooth operation and durability.

### **OPERATION**

The movable jaw of the clamp has a recess to provide clearance for brake or shifter cables. Newer clamps have recesses for both jaws. If it is necessary to clamp onto a frame tube with a cable routed along it, make certain that the cable is in the recess before closing the clamp. Damage to the cable or the finish of the bike may result if the clamp surface closes on the cable.

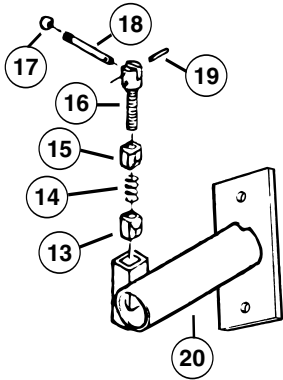
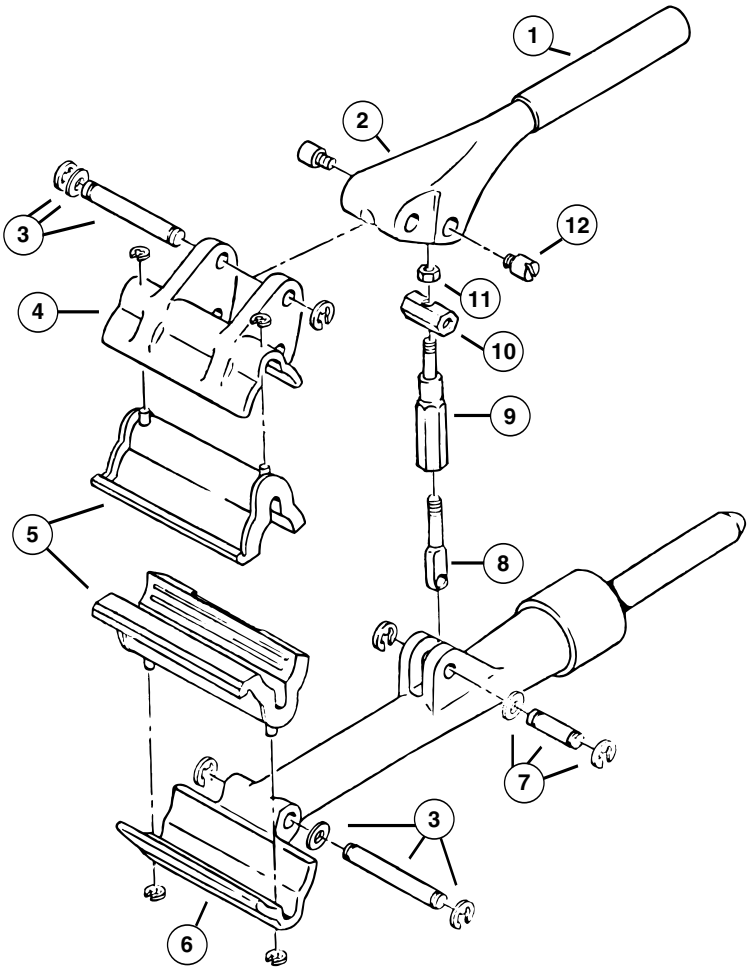
To use the stand, rotate the clamp assembly so that the handle is to your right and 10 to 15 degrees above horizontal. Tighten the locking lever on the horizontal tube. Pull the clamp handle toward you to open the clamp. Always clean the frame of the bike where it will be clamped. Dirt or grit on the frame in the clamping area may damage the finish of the bike. Clamping pressure is adjusted by rotating the adjusting barrel. Counter-clockwise increases pressure, clockwise decreases it. Position the bike with the front to your right. Lift the bike with your left hand and position it so the seat tube of the bike is in the open clamp. Push the clamping handle back to clamp the bike securely. **DO NOT** force the handle back. Excessive clamping pressure can damage frame tubing. If the clamping lever is difficult to close or if the bike is not held securely, open the clamp and adjust the adjusting barrel. A locknut is provided to lock in the adjustment if only one size of tube is normally clamped. Rotate the locknut fully clockwise to permit easy adjustment if different tube sizes are likely to be clamped.

For heavy or awkward bikes, the following method allows use of both hands to lift the bike. Loosen the locking lever one or two turns and pull the clamp assembly out of the horizontal tube. Place the clamp on the bike in the desired position. Lift the bike with the clamp attached and slide the clamp back into the horizontal tube. Rotate the bike to the desired position and tighten the locking lever.

The preferred clamping location on a bike is the seat tube directly below the top tube. This location allows the bike to be rotated to any convenient position for work. Bottom bracket adjustment and overhaul, and wheel installation and removal are more easily done when the bike is inverted. In this position, the front wheel is stable and does not tend to "flop around". Other work such as derailleur adjustment is best done when the bike is in the normal upright operating position. Keeping the front of the bike slightly lower than the back when in the upright position will help to prevent the front wheel from flopping over, causing the handlebars to hit the top tube. A Park Tool HBH-1 Handlebar Holder should be used to work on the bike in other positions.

Very thin walled or composite frame tubes should not be clamped in any repair stand. Clamp pressure may damage the tube. For these bikes, the seat post rather than the frame tube should be clamped. Use of a Park Tool ISC-1 Internal Seat Tube Clamp is recommended for freshly painted frames.

**DELUXE WALL MOUNT  
REPAIR STAND PRS-4W**



Ref. No.	Part No.	Description	Qty.
1	138	Handle Grip	1
2	103S	Handle	1
3	107S-2	Pin with Washers and Circlips (see Note)	2
4	101-3	Moveable Jaw	1
5	468B	Jaw Cover Set (2), Includes Circlips	1
6	102-3	Rotating Shaft	1
7	108S-2	Pin with Washers and Circlips (see Note)	1
8	117S-1	Eyebolt	1
9	118S	Adjusting Barrel	1
10	121S	Adjusting Barrel Pivot	1
11	136	Nut, 1/4 - 28	1
	122S	Linkage Assembly, Includes Items 8 through 11	
12	116S	Cap Screw	2
13	113S	Threaded Lock Block	1
14	115S	Spring	1
15	114S	Unthreaded Lock Block	1
16	112S	Lock Block Bolt Assembly	1
17	110S	Ball Knob	1
18	111S	Handle	1
19	109S	Spring Pin, 5/32" x 1 1/4"	1
	180	Lock Block Assembly, Includes Items 13 through 19	
20	196-4	Wallmount Weldment	1

**Note:** Washers should be used as required to account for variations in casting taper.