

Dear EazyRizer™ Professional Owner,

Congratulations on your purchase of EazyRizer Professional, the world's safest and most versatile motorcycle lift. With regular maintenance and careful handling, EazyRizer Professional will provide you with a lifetime of service. Just in case, each EazyRizer lift comes with a **lifetime mechanical warranty** for the original owner.

PLEASE READ CAREFULLY all of the assembly instructions presented here before you attempt to put together your lift. If you are in doubt, please call us at 1-800-627-1700 for assistance. August / 2003

**Manufactured by**  
Quasar Products Ltd.  
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Tamworth, Staffordshire, England B79 7UL  
44-1827-61754

**North American Distributor:**  
Driven Gear Inc.  
2818 S. I-85 Service RD., Suite C  
Charlotte, NC 28208  
704-394-2080

### **EazyRizer™** Professional Assembly Instructions

Recommended tools required for assembly:

- torque wrench
- 17 mm open end wrench
- 17 mm socket
- 22 mm socket
- socket wrench
- adjustable wrench

#### **Step 1:**

EazyRizer Pro is shipped in two cartons. The main larger carton contains the lifting arm and the “V” support base. The second smaller carton contains the screw shaft assembly, the tall lifting pillar, various pieces of assembly hardware and the specific lifting kit(s) you ordered.



#### **Step 2:**

Carefully, remove all of the component pieces inside and lay them aside. Please study the illustration at the end of this document so that you may become more familiar with the terms and the various components as we present the following assembly steps.



#### **Step 3:**

From the vertical pillar, remove the bottom cotter pin, washer and the nylon bushing. Carefully remove the threaded screw shaft from the lifting pillar and lay it aside in a safe place for now.



**Step 4:**

Attach the Lifting Pillar to the “V” base using the supplied (6) M10 x 35 mm bolts. First, remove the nylock nuts and washers from the “V” base as shipped. Carefully position the vertical pillar over the base and over the protruding bolts. Place the washer and hand tighten the nylock nuts over the front four (4) bolts. You may have to use one hand to push the bolts up further to assist. With your 17mm socket, tighten these 4 bolts / nuts to 40 ft / lbs of torque . Next lay the lift over so that pillar is against the floor. The two remaining bolts are 6mm socket screws. Using the supplied 6mm Allen key and 17mm socket, tighten the rearmost bolt assemblies to 40 ft / lbs of torque.

**Step 5:**

While the lift is still on its back, fit the two (2) shop floor wheels as shown in Figure B. The order of assembly is bolt, washer, wheel, washer. Tighten the bolts until resistance is felt and then back off 1/4 turn or until each wheel rotates freely.

You can now turn the lift assembly up to its normal position.

**Step 6:**

Take the lifting arm and remove the two rearward most bolt and roller assemblies. With the supplied grease packet, apply a small smear to each of the eight (8) small nylon guide buttons. The grease will help hold the guide buttons in position when you attach the lifting arm assembly to the lifting pillar. Place each guide button into their respective holes from the inside of the lifting arm. Please make sure the large head of each button is on the inside of the lifting arm before proceeding to the next step. Refer to figure 9 for assistance.

**Step 7:**

Line up the open end of the lifting arm with the vertical pillar so that there is equal space on either side. Place the lifting arm around the lifting pillar. Be careful not to dislodge any of the 8 nylon guide buttons. If you do, you will have to start over from step 6 above. Place the top, rearmost roller assembly you removed earlier back into its normal position and tighten the nut until the nylock has a good grab of the bolt. You won't complete final torque until later in the assembly steps. Also, you will not be able to insert the bottom roller assembly into with the lifting arm in its bottom resting position. To accomplish this, you will need to raise up the lifting arm up a few inches by hand first. To accomplish this task, take a piece of 2x4 or other piece of wood and place it underneath the lifting arm and on top of the “V” base legs. This should now provide you with sufficient room to insert the rear, lower roller assembly. As above just tighten the nylock nut until it is secure.



**Step 8:**

Next, take the supplied grease and pack the bearing assembly that is positioned near the top of the screw shaft assembly. You don't have to remove the bearing assembly to do this. Refer to figure 3.

**Step 9:**

Apply a small amount of grease around the bottom of the threaded shaft up to about an inch or so. Insert the screw shaft assembly partially through the top most hole in the lifting pillar. Slide the larger black rubber buffer piece onto the screw shaft itself. You only need to slide this piece up from the bottom of the screw shaft about two or three inches at this point. Refer to figure 5 for the correct position.

**Step 10:**

Carefully lower the screw shaft until it meets with the bronze lifting nut that is housed in the lifting arm assembly. By hand, slowly turn the screw shaft clockwise into the bronze lifting nut being careful not to cross thread the shaft. The first time you turn the screw shaft through the bronze bushing (softer material) it may feel tight. Don't worry as it will get much easier after a few up and down cycles. You may want to use the 22mm / 7/8 socket on a ratchet wrench to assist in this first pass through the bronze lifting nut. Continue turning the screw shaft until it protrudes completely through the lifting arm and through the bottom base plate.

**Step 11:**

Fit the lower nylon bushing from the bottom of the flange upwards over the screw shaft, followed by the smaller black rubber buffer piece. Place the 14mm washer against the rubber buffer and insert the cotter pin you removed earlier. Split the cotter pin about 2 to 3 mm and make sure the cotter pin does not interfere with the lifting pillar as you raise or lower the lifting arm.

**Hint:** It will be easier to put the bottom pieces on the screw shaft and to expand the cotter pin by first turning the lift over on its back again.

**Step 12:**

Turn the lift right side up again. Using the supplied grease packet, apply a thin bead or two of grease to the entire length of the screw shaft. A little grease here goes a long way. You can use your drill now to raise and lower the lifting arm up about midway up the lifting pillar. Referring to the picture to the right, you will find it easier to align and tighten the roller assemblies by actually sitting on the lifting arm and straddling the vertical pillar. Please note that it is the top rear and the bottom front roller that support the weight of your bike as it is raised up a down.

The remaining two (2) roller assemblies are there to guide and keep the entire lifting arm assembly in its correct orientation. While sitting on the lifting arm, torque the top rear and lower front roller assemblies to 40 ft / lbs. Next, push the front top roller assembly with your thumb against lifting pillar and then torque to 40 ft /lbs of torque. Repeat this same procedure for the bottom rear roller.

**Congratulations, your new EazyRizer Professional lift is now ready for use.**

With regard to maintenance, EazyRizer Professional requires very little. However, we would suggest that after every twenty five lifts or so, you apply another thin coat of grease to the screw shaft or more often if working in an dusty area such as at the track. If you run out of the supplied grease, use only standard wheel bearing grease. To allow the lifting arm to move as freely as possible, you can spray a little WD40 onto the vertical pillar shaft, front and back side, where the nylon guides run up and down. Remove any excess with a clean dry cloth.

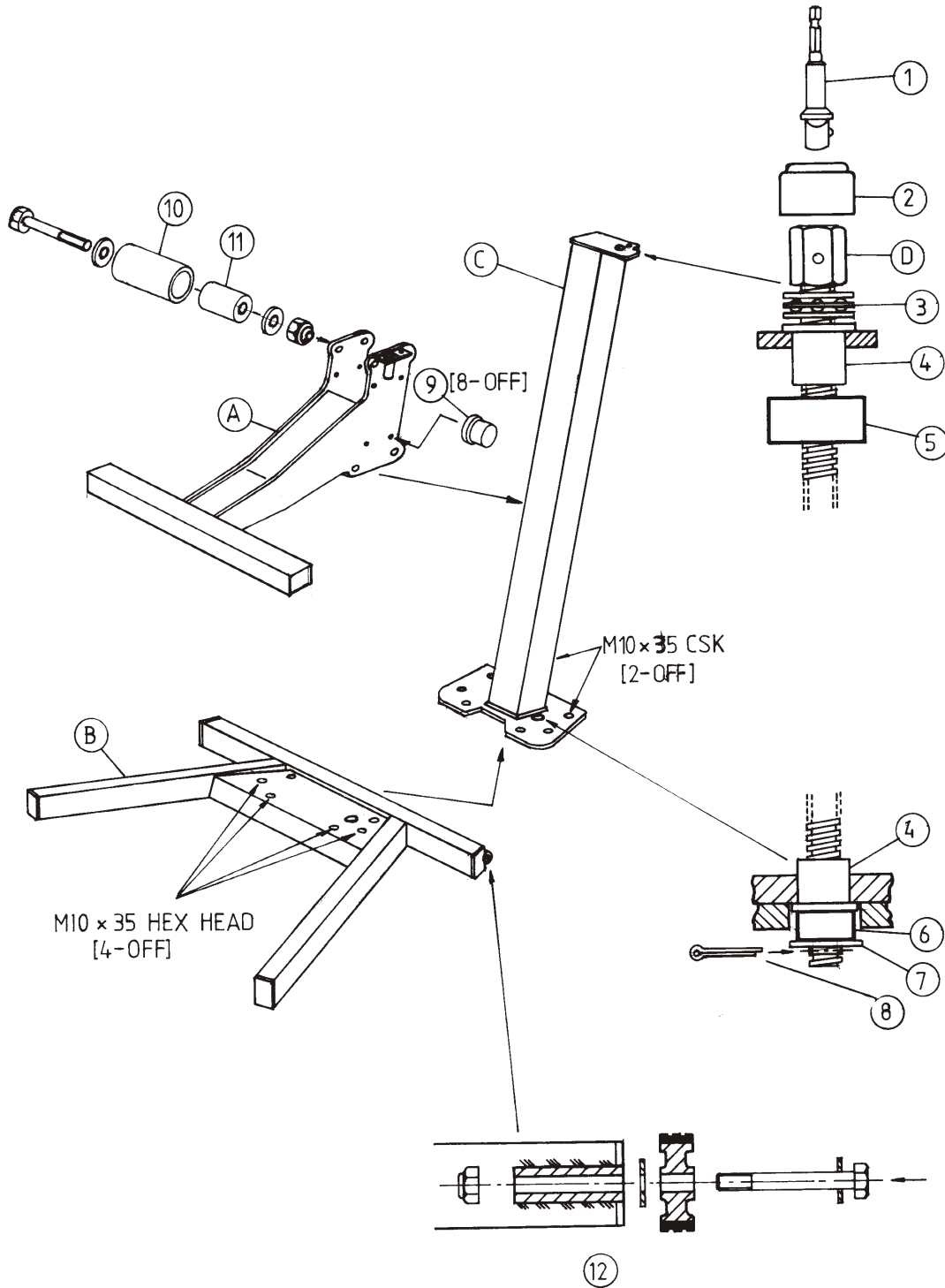
Refer to the supplied EazyRizer safety and use instructions before attempting to lift any vehicle. You must also carefully read the specific lifting kit instruction sheet supplied with every kit before lifting any vehicle. If you are in doubt with the use or any aspect of EazyRizer Professional please call us at 800-627-1700.



EazyRizer Assembly Exploded View

- |                      |                                      |                        |
|----------------------|--------------------------------------|------------------------|
| 1. Drive Adapter     | 2. 22mm or 7/8 socket (not supplied) | 3. Bearing Race        |
| 4. Nylon Bushing (2) | 5. Large Rubber Buffer               | 6. Small Rubber Buffer |
| 7. 14mm Washer       | 8. Split Pin                         | 9. Nylon Buttons (8)   |
| 10. Nylon Guides (4) | 11. Steel Spaces (4)                 | 12. Wheel Assembly (2) |

A. Lifting Arm    B. "V" Base    C. Lifting Pillar    D. Screw Shaft Assy.



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## EazyRizer General Safety & Use Instructions

Prior to lifting your motorcycle for the first time **please read carefully** the following general safety and use instructions. You must also read carefully each of the individual lifting kit safety and use instruction sheets. If you are unsure regarding any of these instructions, **STOP** and contact us at [eazyrizer1@charter.net](mailto:eazyrizer1@charter.net) or 800-627-1700 for assistance.

1. **DON'T** operate the lift with worn or damaged parts as this may compromise the safety of the equipment.
2. **DO** double check all mounting attachments, bolt torque and lubrication of the screw shaft, bronze lifting nut and top bearing prior to each lift.
3. **DO** keep hands, feet, long hair and loose clothing away from all moving parts while in operation.
4. **DO** always position the EazyRizer lift on a flat, level and solid surface. **DON'T** use the EazyRizer lift on a sloping, soft or uneven surface.
5. **DON'T** climb onto the vehicle or the lift when elevated.
6. **DO** use the assistance of another person or suitable bike stand while you position and raise your vehicle with EazyRizer Professional.
7. When work involves wheel, front forks, engine removal, **DO** complete all heavy torquing at ground level and then raise to suit.
8. **DON'T** attempt to make any adjustments to EazyRizer or the mounting attachments when elevated.
9. You may use an electric drill to raise and lower your vehicle. Clockwise to raise; Counter-clockwise to lower. Recommended Electric Drill Specifications:
  - a) Must be variable speed, non-impact, non-hammer type
  - b) Minimum Output Wattage - 600 Watts
  - c) Maximum RPM - 850 RPM (the lower this number the better; more torque)
  - d) Minimum Torque - 350 inch / poundsNote: A cordless drill may be used but should be rated at a minimum of 14.4 volts and meet the above minimum torque specifications.
10. When using an electric drill, **DO** be careful to slow down when raising the vehicle as it approaches the top of its travel. Otherwise, the drill may suddenly twist in your hand and may cause damage or injury. EazyRizer Professional has a rated lifting capacity of 1650 pounds.
11. **DO** call 1-800-627-1700 for assistance if you are in doubt regarding any operation of EazyRizer.