

# Easy Picker Golf Products, Inc.



415 Leonard Blvd. N., Lehigh Acres, FL 33971

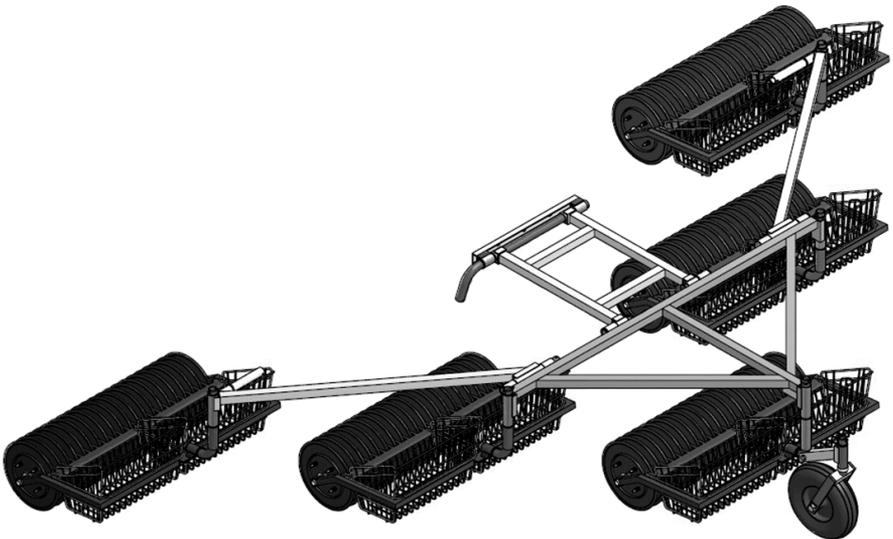
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## INSTALLATION and OPERATION PICKER

MODEL NO. EP-028AH THRU EP-030AH



KEEP THIS DOCUMENT WITH PICKER  
FOR FUTURE REFERENCE

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### Specifications:

<u>Model number</u>	<u># Gangs</u>	<u>Dimensions</u>	<u>Weight</u>
EP-028AH	3	9' W X 26" H	256 lbs
		2.74 m W X .66 m H	116 kg
EP-029AH	5	15' W X 26" H	395 lbs
		4.57 m W X .66 m H	179 kg
EP-030AH	7	21' W X 26" H	500 lbs
		6.40 m W X .66 m H	226.6 kg

# Introduction

Welcome to the Easy Picker family. We know you'll find our equipment to be of the highest quality. We are sure you will enjoy many seasons of reliable use. Easy Picker's range ball picker is designed to be low maintenance and is manufactured at our own facility to ensure utmost quality.

The Easy Picker range ball picker is constructed of heavy-duty square steel tubing. All exterior surfaces are treated to resist rust and corrosion, then sealed with an epoxy coating to ensure long life. The baskets are constructed of heavy gauge wire which are rubber coated to ensure long life. Our discs are made of heavy duty plastic with UV (Ultra Violet) light protection to ensure long life.

This manual contains instructions for operation and maintenance for the range ball picker, designed and manufactured by Easy Picker Golf Products, Inc., 415 Leonard Blvd. N., Lehigh Acres, FL 33971

## Warranty

Easy Picker Golf Products, Inc., warrants this product against defects in materials and workmanship for a period of ONE YEAR from the date of purchase. This warranty EXCLUDES any malfunction or damage due to customization and/or abnormal use of the product or product operation not in compliance with the OPERATING INSTRUCTIONS section of this manual.

## Inspection

**Within one (1) business day of delivery**, remove outer protective packaging from range ball picker and inspect for any damage which may have occurred during transit. If damage has occurred, **DO NOT** remove range ball picker from shipping pallet or discard any packaging materials removed during inspection. Notify the freight carrier immediately to arrange a claim and inspection. Also, notify Easy Picker Golf Products, Inc. of damage. Failure to perform any of the above procedures in a timely fashion may compromise any warranty coverage by either the freight carrier and/or Easy Picker Golf Products, Inc.

## Installation

Remove outer protective packaging from range ball picker and inspect for any damage which may have occurred during transit if any damage, **DO NOT** remove range ball picker from shipping pallet or discard any packaging material removed during inspection. Notify the freight carrier immediately to arrange a claim or inspection. Also notify Easy Picker Golf Products of any damage

Failure to perform any of the above procedures in a timely fashion may compromise any warranty coverage by either the Freight Company or Easy Picker Golf Products Inc.

### **SEE FIGURE 1 (PAGE 6) TO IDENTIFY PARTS**

Attach hitch adapter to drive source using  $\frac{3}{4}$ " bolts and nuts. Tighten securely. If using golf cart adapter, install adapter to cart per installation instructions supplied.

Attach power hitch to A-frame using 5  $\frac{1}{2}$ " extension pins and 2" nuts and bolts.

Attach wheel assembly to A-frame using 2 bushings and 2" nut and bolt. (1 on top, 1 on bottom) and 2" nut and bolt.

Attach gang assembly to wheel assembly tongue using 1 bushing and 2" nut and bolt. Bushing should be installed directly behind bolt.

Attach elbows to A-frame with elbow using 2 bushings (1 on top, 1 on bottom) and 2" nut and bolt.

**For 3, 5 and 7 Gang Pickers:** Attach 2 outside gang assemblies to bottom side of elbows using 1 bushing and 2" nut and bolt. Bushing should be installed directly behind bolt.

**For 5 Gang Pickers:** Attach 2 extension arms to A-frame using 12" extension pins and 2" nut and bolts. Attach gang assemblies to extension following procedure listed above.

**For 7 Gang Pickers:** Attach 2 additional extension arm assemblies to the horizontal pipe that is welded on the 5 gang extension arms.

Attach assembled picker to cart hitch adapter using 24" hitch pin. Insert locking pin.

## Operating Instructions

Maximum operating speed - 8 miles per hour.

Use straight line, overlapping pattern for range ball picking similar to mowing grass.

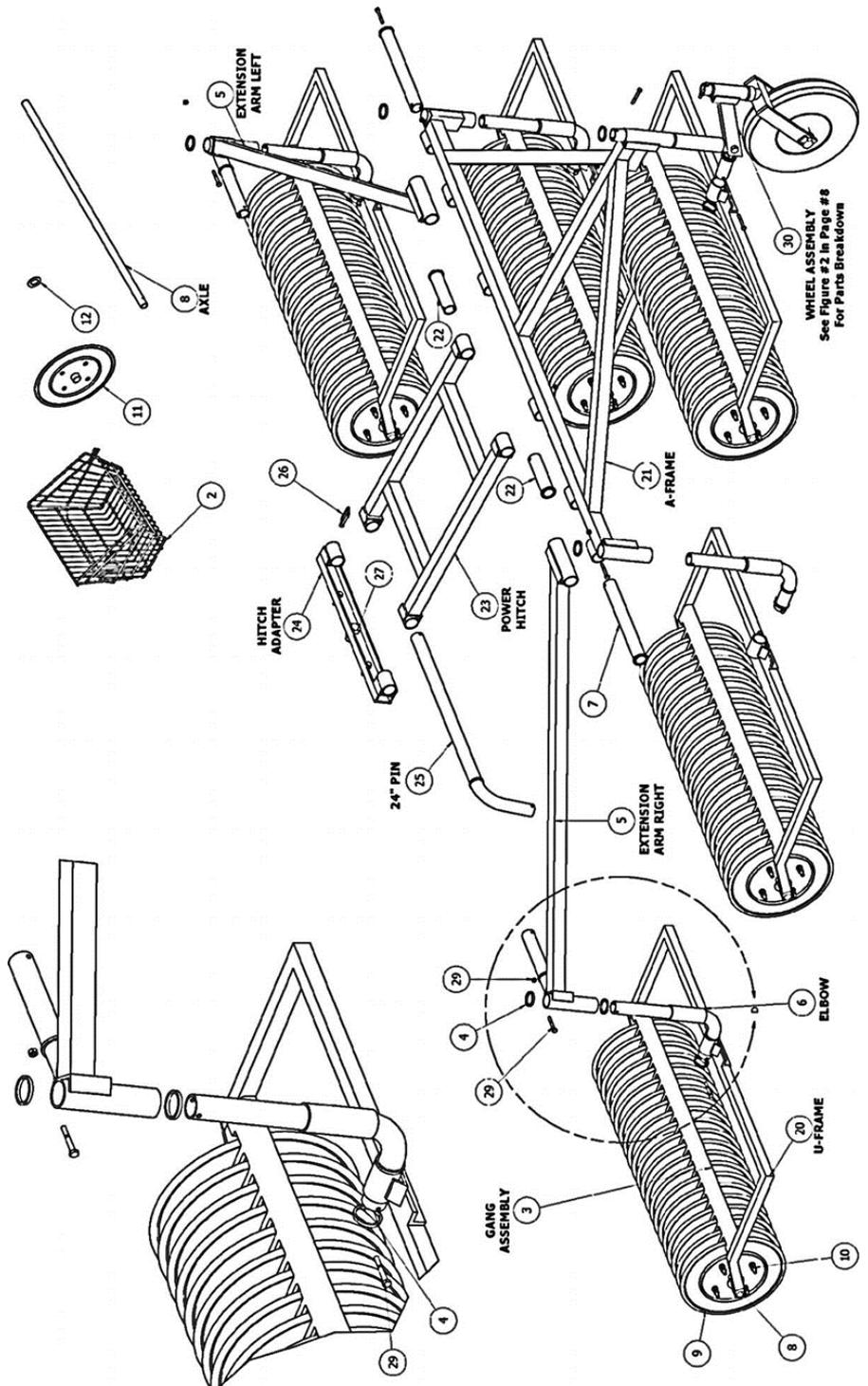
Never back up with range ball picker.

Do not overfill basket

Periodic inspection and maintenance of the range ball picker is necessary for optimum operation and to prevent breakdown of the equipment. These procedures must be performed at the interval listed in the table. Failure to follow this procedure may invalidate your warranty.

**TABLE 1: INSPECTION/ADJUSTMENT**

<b>Inspection Interval</b>	<b>Inspection Point</b>	<b>Inspection Procedure And Service</b>
<b>Daily</b>	Entire Picker	Check exterior for evidence of physical damage and loose hardware. Tighten and/or repair as necessary.
<b>Monthly</b>	Front Wheel Assembly/ Elbows	Grease wheel hub zerk fitting and fork holder. Spray lithium grease on elbow connections.
<b>Monthly</b>	Disc assembly	Check for loose discs. If individual discs can be moved side to side indicating excessive play they must be tightened. To tighten, first loosen the four outside nuts on the disc assembly with a 1/2" wrench using another wrench to hold inside nut. Tighten the four inside nuts evenly until end play disappears. Do not over tighten. If tightened correctly measurement from the top of the left outside disc to the right outside disc should be no more than 34 1/4 to 34 1/2 ". Once adjustment is final, re-tighten outside nuts holding inside nuts with wrench. Discs must be replaced if damaged or worn. (See Disc Replacement procedure).
<b>Monthly</b>	All steel parts	Spray with T-9 or equivalent for rust protection.

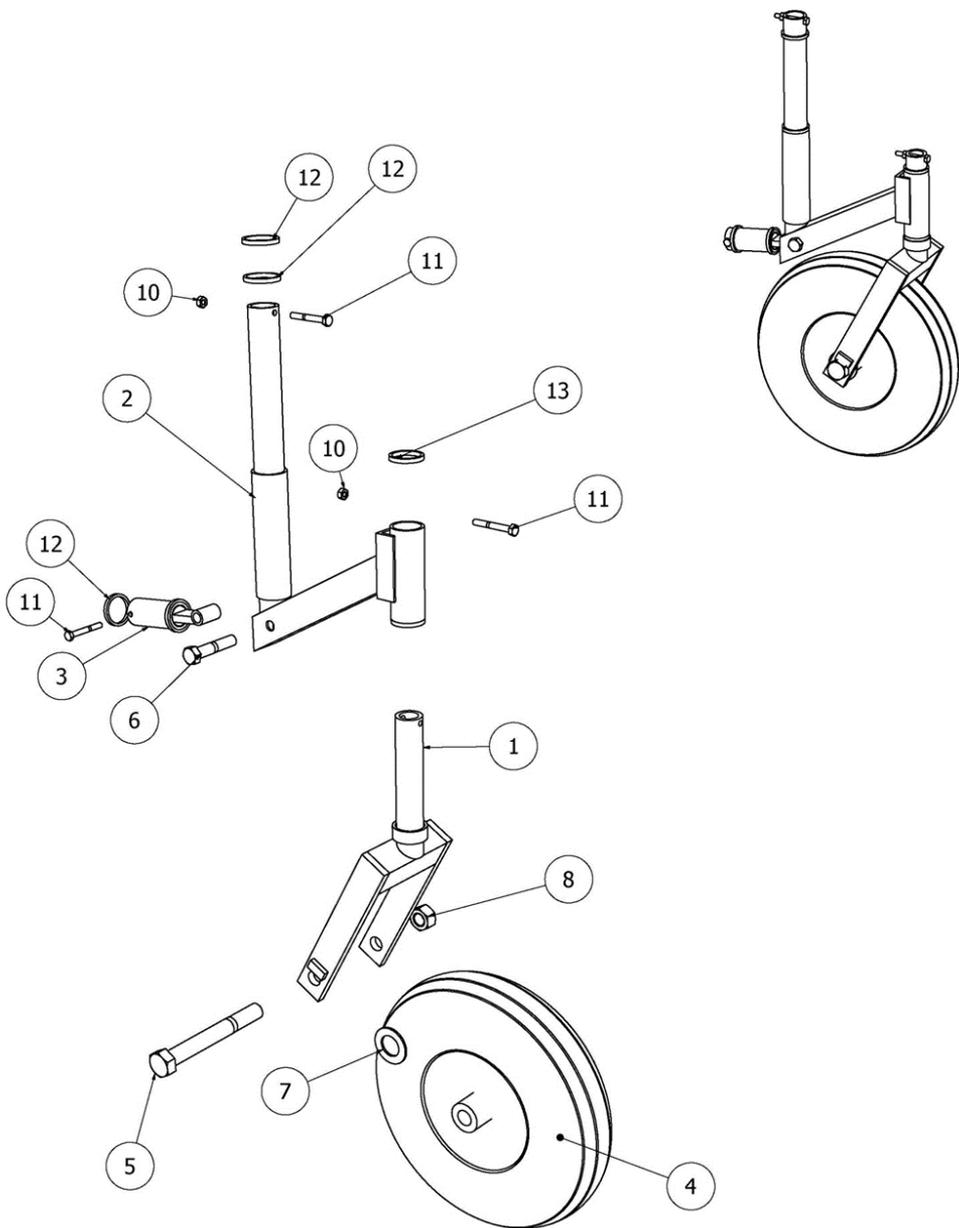


WHEEL ASSEMBLY  
See Figure #2 in Page #8  
For Parts Breakdown

**FIGURE 1: HIGH-RISE PICKER ASSEMBLY**

# HIGH-RISE PICKER ASSEMBLY PARTS LIST

ITEM	QTY	PART NO.	DESCRIPTION
1	1	EP-020X	Basket, long high back
2	1	EP-020AX	Basket, short high back
3	1	EP-037	Gang assembly, complete (8, 9, 10 & 20)
4	1	EP-017	Bushing, elbow
5	1	EP-009B/EP-009A	Extension arm, left /Extension, arm right
6	1	EP-016HR	Elbow, high rise
7	1	EP-007	Pin, extension 12"
8	1	EP-015	Axle, disc assembly
9	1	EP-200	Disc set, assembly
10	1	EP-010	Rod set, disc not included
11	1	EP-019AA	Disc, replacement
12	1	EP-014	Bushing, disc axle
20	1	EP-011	U-frame
21	1	EP-001	A-frame
22	1	EP-006	Pin, extension 5 ½"
23	1	EP-002	Hitch, power
24	1	EP-003	Adapter, hitch
25	1	EP-005	Pin, hitch 24"
26	1	EP-005L	Pin, locking for 24"pin
27	1	EP-004	Hardware, hitch adapter
29	1	HA-35/HA-19	Bolt 2"x ¼" / Nylock ¼"
30	1	EP-101H	Wheel Assembly



**FIGURE 2: WHEEL ASSEMBLY HIGH RISE  
EP-101H**

## WHEEL ASSEMBLY HIGH-RISE PARTS EP-101H

ITEM	QTY	PART NO.	DESCRIPTION
1	1	EP-021H	Fork, wheel high rise
2	1	EP-022H	Fork holder, high rise
3	1	EP-025	Tongue assembly original and high rise
4	1	EP-027S	Wheel assembly solid
5	1	/EP-023	Wheel Axle, includes nut 3/4" item 8
6	1	EP-026	Bolt, tongue includes nylock nut 1/2"
7	2	/EP-014	Bushing, wheel axle
8	1	INCLUDED ITEM 5	Nut, wheel axle 3/4"
9	1	INCLUDED ITEM 6	Nut, tongue 1/2" nylock
10	1	INCLUDED ITEM 11	Nut, nylock 1/4"-20
11	1	/EP-018	Bolt and nut 1/4"-20 x 2"
12	3	EP-017	Bushing, elbow and tongue
13	2	EP-017HR	Bushing, fork

# DISC REPLACEMENT PROCEDURE

Remove nut and bolt from disc axle. Pull axle out of u-frame and disc assembly. Either 2 or 3 washers are also installed at each end of the axle and will drop out once axle is removed.

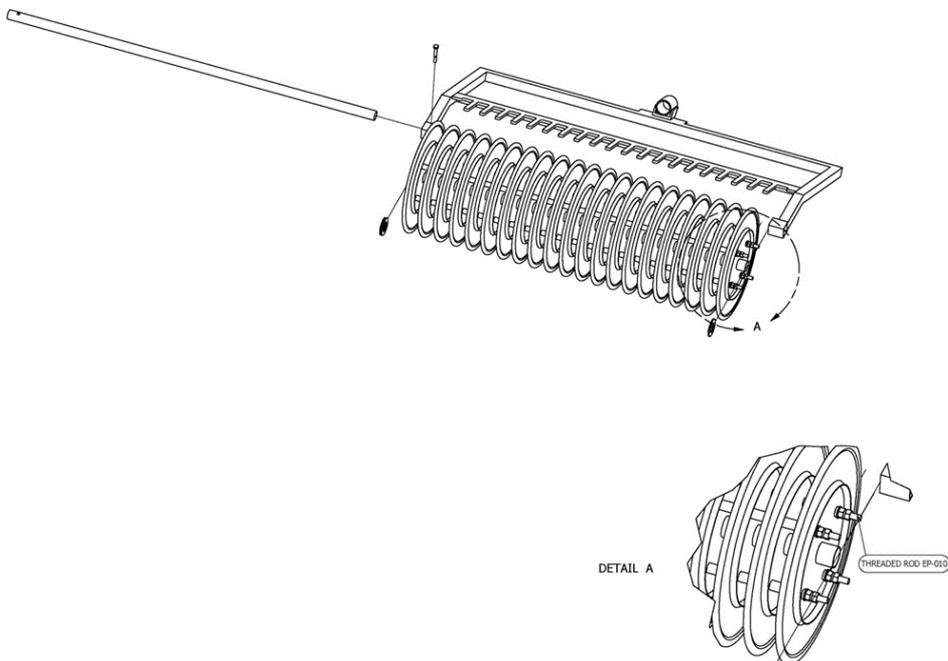
Remove nuts and lock washers from each of the 4 rods on one end of the disc assembly.

Pull rods out far enough to allow removal of the disc(s) that need replacing.

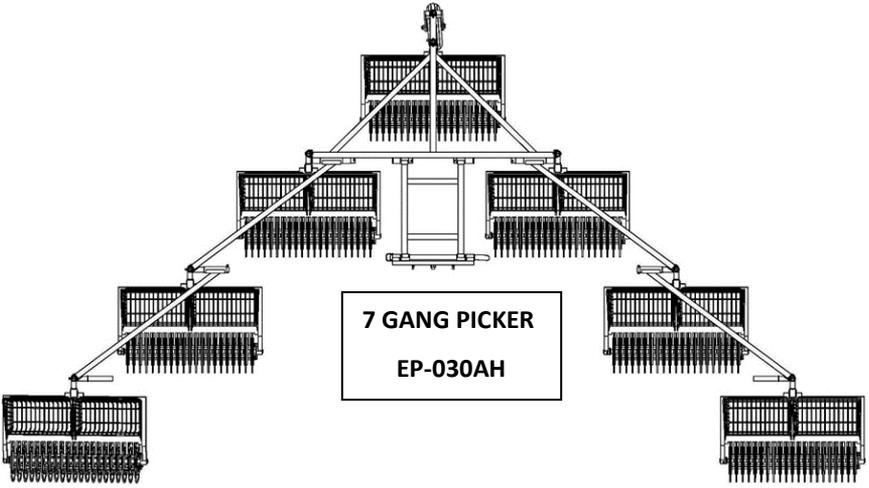
Note: Keep end discs in their original positions unless they are being replaced. If end discs need to be replaced a small amount of material may be needed cut off the replacement disc hub with a hacksaw.

Add replacement discs as needed and reinstall axle, washers and u-frame on all 21 discs. Spray axle with dry graphite prior to installation. Re-install axle nut and bolt.

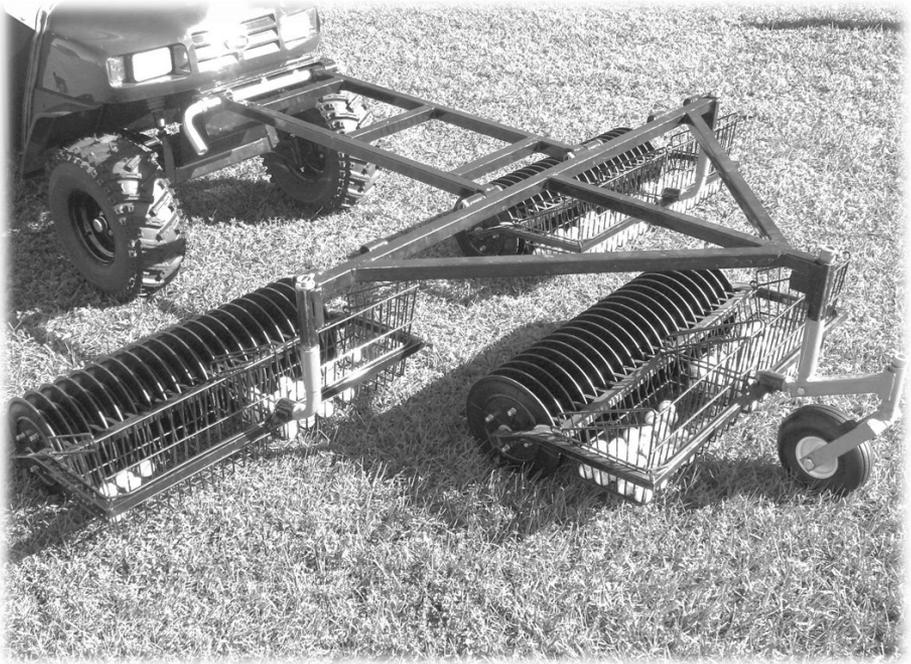
Re-insert all four disc rods into through holes in discs. Install nuts and split washers. Tighten nuts per procedure listed in Table 1 ensuring that discs are spaced evenly between u-frame teeth. Reinstall washers on each end of the axle. ends disc and u-frame. Re-install axle nut and bolt.



**FIGURE 3: GANG ASSEMBLY**



**FIGURE 4: TOP VIEW 3, 5 AND 7 GANG**



**FIGURE 5: PICKER AND CART ASSEMBLY**