



PTO Coupler for Roller Pumps Model BAC-10-RP

Ace Pump's PTO couplers are designed for use with Roller Pumps for connection to a tractor's PTO shaft. These die cast couplers are designed for use on standard 6 spline (540 rpm) and 21 spline (1000 RPM) tractor PTO shafts. The spring loaded design provides for quick connection and removal from the tractor.



Available Models

Part Number	EDP#	Description
BAC-10-RP6-QC	14880	For 8 roller Pumps
BAC-10-RP8-QC	14830	For 6 roller Pumps

INSTALLATION INSTRUCTIONS

6 Roller Installation:

1. Slide the coupler over the pump shaft aligning the set screw with the flat on the shaft.
2. Lock the coupler in place with the set screw using a 7/16" allen wrench. (Torque spec or locking material?)

8 Roller Installation:

1. Slide the coupler over the pump shaft aligning the set screw with the flat on the shaft.
2. Lock the coupler in place with the set screw using a 7/16" allen wrench. (Torque spec or locking material?)

OPERATION INSTRUCTIONS

The tractor should be parked with the engine off and parking brake engaged prior to installing the pump-coupler assembly.

Note: A torque bar and chain (Ace # RP-TBK) is also recommended to prevent rotation of the pump during operation.

1. Align the pump-coupler assembly with the tractor PTO shaft
2. Pull the orange collar back and start pushing coupler onto the PTO shaft
3. After the balls pass the shaft end, release the collar and continue pushing onto shaft until balls engage the PTO shaft groove
4. Ensure the balls are seated in the groove and the collar has returned to the original position by pulling on the assembly
5. Ensure that all guards are in place prior to starting the tractor and pump.

WARNINGS:

Ensure the coupler fits the shaft snugly and that the balls/sleeve lock it firmly to the shaft.

Never modify the tractor's PTO safety shield(s).



Do not operate the pump without the tractor's PTO safety shield(s) in place.



PARTS LIST

REF. #	PART NUMBER	EDP #	DESCRIPTION	QTY RP6	QTY RP8
1	14902	14902	Sleeve, ball retainer	1	1
2	14903	14903	Spring	1	1
3A	14901	14901	Coupler body, 5/8" shaft	1	-
3B	14900	14900	Coupler body, 15/16" shaft	-	1
4	14904	14904	Ball, quick coupler	3	3
5	14905	14905	Set screw, 5/16"-18 cup point	1	2

