



# RAPID REVERSE IMPACT DRIVER



**Key Features:**

**ID375AP-2QRR**

- Rapid Reverse
- High power to weight ratio
- High impact rate of 5,000 blows per minute
- Working torque range up to 10-55 ft/lbs
- Extended life through bearing design
- Smooth Impacting that creates minimal torque reaction
- Includes rubber boot for hammer case

**Applications:**

- Wood Screws
- Self-tapping screws
- Lag bolts
- High prevailing torque applications



**1/4" (6 mm) Rapid Reverse Impact Driver**



Model Number	Drive Size		Working Torque Range <sup>1</sup>		Maximum Torque		Blows Per Minute	Free Speed rpm	Weight		Length		Side To Center		Socket Retainer Style
	in	mm	ft lb	Nm	ft lb	Nm			lb	kg	in	mm	in	mm	
<b>Pistol Grip Impact Driver</b>															
ID375AP-2QRR	1/4	6	10-55	13-75	60	80	5000	4000	2.5	1.1	8.5	216	085	21	Quick Change

<sup>1</sup> Maximum working torque determined by 5 second rundown on appropriate Skidmore-Wilhelm Torque-Tension Tester.

**General:** Air Inlet Size: 1/4" NPT • Recommended Hose Size: 3/8" (10 mm) • Performance rated @ 90 psig (6.2 bar) air pressure

# IMPROVED IMPACT MECHANISM DURABILITY

## 1 — Top Carrier Steel Ball

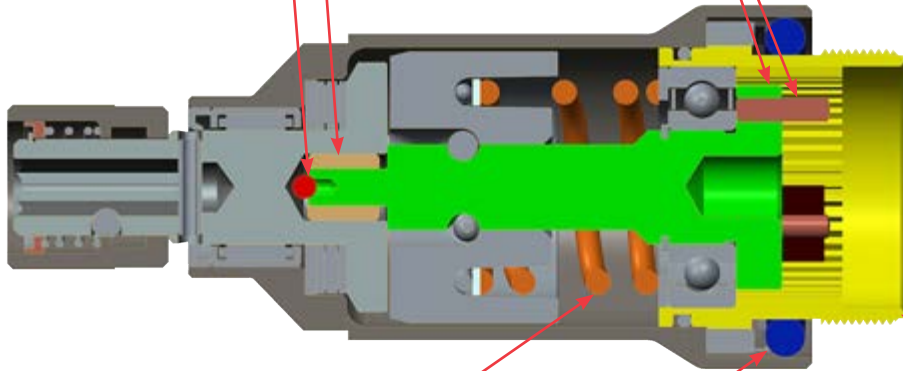
A steel ball was added between the face on the top of the carrier and the face on the bottom of the anvil. This raises the two surfaces away from each other and the initial wear happens between the steel ball and the drill point in the inside of the anvil.

## 2 — Anvil Needle Bearing

The needle bearing is pressed beyond flush with the bottom of the anvil. By pressing the bearing deeper into the anvil it eliminates the possibility of the carrier wearing into the bearing.

## 3 — Gear Carrier 4 — Gear Idler Pin

The gear carrier was updated to have a thicker flange area and a longer gear idler pin was added. The thicker carrier and longer pins allows for a better press fit between the two parts, keeping the pin firmly in the carrier during operation.



## 5 — New Stronger Spring

The spring was updated from the previous music wire version to a new stronger, longer lasting material in order to eliminate failure due to spring fatigue and fracture.

## 7 — Rear O-Ring

A new O-Ring was added contain grease within the mechanism area and eliminate any leaking towards the housing.

## 6 — Gear Case/Ring Gear

The gear case/ring gear was made slightly longer to accommodate the increased thickness of the gear carrier flange.

There were no performance issues with the ring gear however due to the thicker flange the current gear case will not work with the new carrier.

The new carrier **MUST** be used with the new gear case in order for the tool to function correctly.

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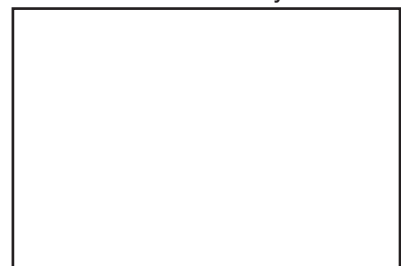
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