

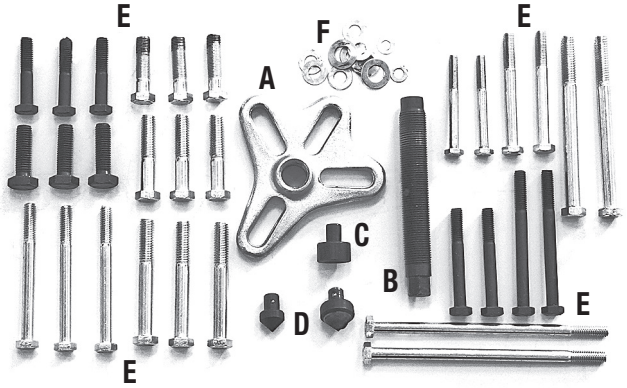
# 45PC HARMONIC BALANCER PULLER INSTRUCTIONS



The **ROCKWOOD HARMONIC BALANCER PULLER** provides a means to safely pull most automotive engine Harmonic Balancers without damage to valuable components. The forged steel Yoke offers a range of 2 and 3 bolt patterns from 1.75" to 3.75" (44mm to 95mm) bolt circles.

## CONTENTS

- (1) Forged Steel Yoke - **A**
- (1) 14mm, Hex Drive Pressure Screw - **B**
- (1) Concave Button Adapter - **C**
- (2) Conical Centering Adapters - **D**
- (30) Fine and course, Hardened Steel Pulling Bolts - **E**
- (11) Assorted size Washers - **F**



Plastic Blow Molded Case

## SAFETY INFORMATION

The following explanations are displayed in this manual, on the labeling, and on all other information provided with this product:

### **⚠ DANGER**

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

### **⚠ WARNING**

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

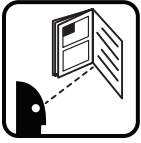
### **⚠ CAUTION**

CAUTION used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

### **⚠ NOTICE**

NOTICE is used to address practices not related to personal injury.

# SAFETY INFORMATION



## **⚠ READ INSTRUCTIONS**

- Thoroughly read and understand these product instructions before using the Rockwood Harmonic Balancer Puller Set.
- Keep these product instructions for future reference.



## **⚠ DANGER**

### **INJURY HAZARD! IMPROPER MOTOR VEHICLE REPAIR WORK CAN RESULT IN INJURY OR DEATH!**

- Performing motor vehicle work without adequate training in motor vehicle mechanical systems can cause injury, death and vehicle damage. **DO NOT** attempt to use this tool or begin motor vehicle service work without proper training in, and a thorough understanding of, motor vehicle mechanical systems.
- Always consult an authorized manufacturer's service manual or instructional materials on the particular vehicle for the proper repair procedures before using this Harmonic Balancer Puller Set.



## **⚠ CAUTION**

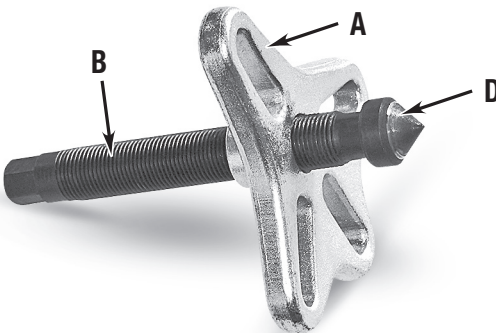
### **PINCH HAZARD!**

- To avoid possible personal injury keep hands and fingers free of moving parts when using the Harmonic Balancer Puller Set.

# OPERATION

- Thread the 14mm, Hex Drive Pressure Screw (**B**) into the raised boss side of the Forged Steel Yoke (**A**) (**FIG 1**).
- Select the Concave or Conical Centering Button (**C OR D**) that best fits the center-bored or flat shaft end being pushed against and snap it into the open end of the Hex Drive Pressure Screw (**B**) (**FIG 1**).

**FIG. 1**



- Select the appropriate number, thread size and length of bolts (**E**) to fit the application being pulled.
- Place the required washers (**F**) over the bolt threads and shanks.
- Locate and center the Yoke/Pressure Screw/Adapter assembly over the Balancer or object to be pulled and begin threading the Pulling Bolts into the threaded holes of the application.
- Draw the Pulling Bolts in keeping the Yoke parallel to the surface of the Balancer or object to be pulled.
- With the Yoke drawn in, begin turning the Hex Drive Screw in using a 14mm wrench or socket.

**⚠ NOTICE**

**It is highly critical to keep the Yoke parallel to the pulled object surface and the Hex Drive Screw centered on the shaft as you go.**

- After the Balancer is pulled, remove Bolts, disassemble the Yoke/Pressure Screw/Adapter assembly and return all parts to the storage case.

## ADDITIONAL ITEMS

- #31351 Eastwood 8pc. Compression Test Kit
- #31537 Rockwood USB Borescope Camera
- #31533 Rockwood AC Manifold Gauge Set
- #31532 Fairmount Rear Axle Puller Kit

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**If you have any questions about the use of this product, please contact**

The Eastwood Technical Assistance Service Department: 800.544.5118 >> email: [techhelp@eastwood.com](mailto:techhelp@eastwood.com)

PDF version of this manual is available online >> [eastwood.com/31590manual](http://eastwood.com/31590manual)

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