



Upgrade · The Home Creator Way

Automotive Harmonic Balancer Puller

MODEL:XC1732A

VEVOR Support Center



MODEL:XC1732A



<Picture Only For Reference >

This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

IMPORTANT SAFEGUARDS



WARNING: Read and understand this entire manual before operating or servicing this product. Failure to follow these warnings and instructions can cause personal injury or damage to valuable property.

- The product complies with relevant standards and regulations. Installation of this device must comply with all applicable regulations, and it should only be operated in well-ventilated areas. Please read the user manual before installing and using this equipment.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children shall not play with the appliance.
- Please properly keep product. Check whether the product is abnormal before use. If it is abnormal, please stop using it.
- Please use the product according to the intended use, warn of potential injury from misuse.
- Be aware of dynamic loading! The sudden load movement may briefly create an excess load, causing product failure.

ASSEMBLY PRECAUTIONS

1. Assemble only according to these instructions. Improper assembly can create hazards.
2. Wear ANSI-approved safety goggles and heavy-duty work gloves during assembly and use.
3. Keep assembly area clean and well-lit.
4. Keep bystanders out of the area during assembly.
5. Do not assemble when tired or when under the influence of alcohol, drugs or medication.
6. Product capabilities apply to properly and completely assembled products only.
7. For additional information regarding the parts listed in the following pages, please refer to the Assembly Diagram of this manual. Unwrap and separate all

parts in a clean work area. Please keep small spare parts out of children's reach.

8. Assemble and use this product **ONLY** in accordance with these instructions and for its intended purpose of bearing removal and bearing housing separation.

9. Read vehicle owner's manual and instruction manual for Jack (not included) for proper jacking positions (where applicable) before use.

10. Maintain this product. Check for misalignment, binding, wear, or other damage before use. If any damage is detected, repair or replace the problematic components before further use.

SAVE THESE INSTRUCTIONS

SPECIFICATION

Model	XC1732A
Material	Steel
Fitment	Suitable for flywheel, crankshaft pulley, steering wheel disassembly; (Not suitable for LT1 Gen 2 engines, not suitable for 4.0L Chrysler engines (Pacifica from early 2000, Chrysler T&C Ltd. from 2008-2010 or Dodge Caravan))

PACKAGE LIST



No.	Part	Specifications	QTY
1	Multi-function Puller Flange	5"	1
2	Puller Screw	M18*1.5	1
3	Puller Body	/	1

4	Screw (Silvery)	UNC 5/16"*6"	2
		UNC 5/16"*3-1/2"	3
		UNC 5/16"*3"	2
		UNC 3/8"*4-1/2"	2
		UNC 3/8"*3"	3
		UNC 3/8"*2"	3
		UNC 3/8"*1-1/2"	3
		UNC 1/4"*2-1/2"	2
5	Screw (Black)	M6*1*70mm	3
		M8x1.25*70mm	3
		3/8"-24*63mm	3
		3/8"-16*63mm	3
6	Adapter	3/8"-16UNC to 7/16"-20UNC	1
		3/8"-16UNC to 1/2"-20UNC	1
		3/8"-16UNC to 9/16"-18UNC	1
		3/8"-16UNC to 5/8"-18UNC	1
		3/8"-16UNC to 3/4"-16UNC	1
		3/8"-16UNC to M12*1.5	1
		3/8"-16UNC to M14*1.5	1
		3/8"-16UNC to M16*2.0	1
		3/8"-16UNC to Φ 18mm	1
7	Washer	/	6
8	Manual		1

Operation Safety

WARNING: To prevent property damage, personal injury, and / or death, read all safety instructions in the "Safety Information" section of the Engine Service Manual or Engine Diagnostic Manual.

WARNING: To prevent property damage, personal injury, and / or death, park vehicle on hard flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in either direction.

CAUTION: To prevent component / tool / engine damage, ALWAYS install crankshaft protector prior to removing harmonic balancer.

CAUTION: To prevent component / tool damage, NEVER use power / impact tools with this essential tool.

CAUTION: To prevent component / tool damage, use a small amount of clean oil / grease on the threads and tip of the forcing screw.

1.For Removal(Fig 1):

Remove crankshaft bolt.

1.1.Thread centering adapter (6#) into the end of the puller screw assembly.

1.2.Insert the puller screw assembly into the puller flange, making sure that the bearing in the flange seats against the puller body(3#).

1.3.Dependent on your balancer model, insert 2 or 3 bolts through puller flange (1#) and thread into balancer. Make sure that the heads of the bolts are at an even height and that the centering adapter rests against the center of the crankshaft.

CAUTION:

If equipped with a crankshaft sensor, be careful not to thread the bolts too deep and damage/misalign the sensor

1.4.Using a wrench or socket, turn the puller screw in a clockwise direction to remove the balancer.

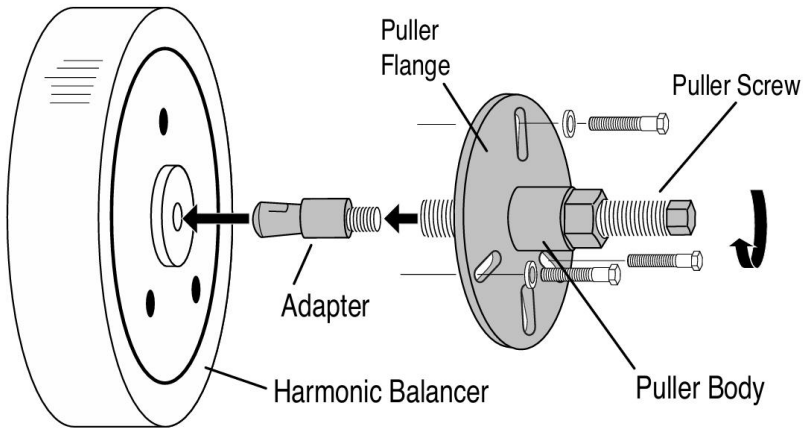


Fig.1

2.For Installation(Fig 2):

- 2.1. Place a small amount of grease or anti-seize compound on the crankshaft snout and the inside diameter of the balancer.
- 2.2. Select the proper size crankshaft adapter and thread it into the end of the crank. Make sure that the adapter is fully threaded into the crank and tightened snugly. Do not over tighten!
- 2.3. Position the balancer on the crankshaft snout, aligning the key way in the balancer with the key in the crankshaft.
- 2.4. Place the puller flange (1#) with the bearing side facing out against the balancer and thread the puller screw assembly onto the adapter in the crankshaft snout. You may need to back off the threads on the puller body(3#) to allow the puller screw assembly to be completely threaded onto the adapter.
- 2.5. Hold the puller screw (2#) from turning with a wrench while turning the puller body (3#) clockwise with wrench to force the balancer onto the crankshaft snout. Continue this process until the balancer is completely seated against the crank timing gear.
- 2.6. Once the balancer is seated, turn the puller screw counterclockwise to remove the installer screw assembly.
- 2.7. Remove the crankshaft adapter stud from the crankshaft snout using a socket.
- 2.8. Torque the crankshaft bolt to the manufacturer's required torque specification to ensure that the balancer is completely installed.

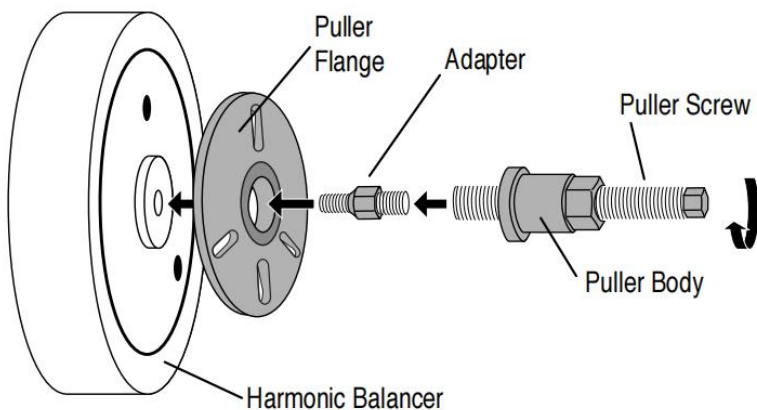


Fig 2

MAINTENANCE

- Clean these tools with a clean cloth after each use. Do not use caustic chemicals or harsh abrasives and store in a dry place.
- Lubricate attachments as needed to ensure smooth operation.
- Replace components if their threading begins to wear and cannot be used smoothly and safely.
- If the tool will not be used for an extended period of time, clean and lubricate it and store it in a cool dry place inaccessible to children.

