



ATD-3630 A/C Clutch Hub Puller/Installer Kit Owner's Manual



Features:

Contains compressor clutch hub pullers and installers for GM, Ford, Chrysler and imports
Compressor ID chart is included
Shipping Weight: 5.2 lbs.

REMOVING PROCEDURE:

1. Remove shaft nut or retaining ring.
2. Thread removing tool onto hub. Position center screw against the end of compressor shaft.
3. Hold body of remover with wrench and turn center screw into remover body to remove clutch hub assembly.

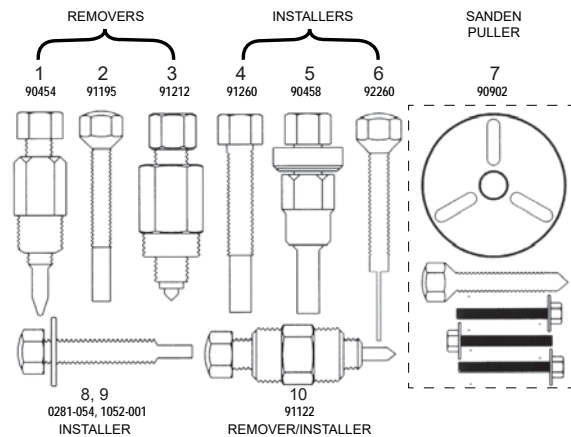
INSTALLING PROCEDURE:

1. Ensure frictional surface of clutch plate and rotor is clean.
2. Align shaft key with shaft keyway and place clutch plate and hub assembly on compressor shaft.
(Do not drive or pound on clutch hub or shaft, as this may cause internal damage to compressor.)
3. Attach installing tool onto compressor shaft.
(Body of installing tool should be backed off sufficiently to allow center screw to be threaded fully onto end of compressor shaft).
4. Hold center screw with wrench and tighten hex portion of installer to press hub onto shaft.
5. Tighten body several turns until the air gap between the friction surfaces is .020 - .030"
6. Remove installer and check for proper positioning of shaft key.
7. Install shaft nut or retaining ring. (Refer to manufacturer specification for correct torque).
8. Spin pulley by hand to check for free operation.

WARNING!

- Puller parts can break under stress!
- Wear safety goggles (user and bystanders)!
- Do not heat pullers!
- Do not over stress pullers!
- Be aware of hand positions.
- Read and follow instructions.
- Broken parts can cause injury!
- Avoid contact with refrigerant!

Make	Remover	Installer
GM GM-6,HR-6 & V5	91212 Nut&Arbor	90458 Nut&Bearing& 91260 Arbor
A-6 & Earlier R4	90454 Nut&Arbor	90458 Nut&Bearing&Arbor
R4	90454 Nut& 91195 Arbor	90458 Nut&Bearing&Arbor
Nippondenso Ford / Chrysler A590, C171 & FS-6	91122 Nut& 91212 Arbor	90458 Nut&1052-001 Arbor&Wshr
For FS-6 W/Special 24mm x 2.0	91122 Nut&Arbor	90458 Nut&1052-001 Arbor&Wshr
New Style	90454 Nut&Arbor	90458 Nut&1052-001 Arbor&Wshr
Sanden	90902 Puller plate&Arbor	
Tecumseh HR980	91122 Nut& 91212 Arbor	90458 Nut&1052-001 Arbor&Wshr
Diesel Kiki CH Series Mitsubishi	90902 Puller plate & 92260 Arbor	



PARTS LIST

Ref. #	Description	Part #
1.	GM Clutch Plate Remover	90454
2.	GM Clutch Plate Remover Arbor	91195
3.	GM Da-6 Clutch Plate Remover	91212
4.	Clutch End Plate Arbor	91260
5.	GM Clutch Plate Installer	90458
6.	Diesel Kiki/Mitsubishi Deep Remover Arbor	92260
7.	Sankyo Clutch Plate Puller with 3 Bolts and Washer	90902
8.	5/8" SAE Flatwasher ZP	0281-054
9.	Arbor	1052-001
10.	Clutch Plate Remover	91122



WARRANTY

1 YEAR LIMITED WARRANTY

THIS MANUAL, WARRANTY AND CONFIRMED RECEIPT(S) SHOULD BE RETAINED BY THE CUSTOMER AT ALL TIMES
[Affix receipt or invoice for safe keeping]

PURCHASED FROM: _____

DATE PURCHASED: _____

INVOICE/RECEIPT NUMBER: _____

Your ATD-3630 is warranted for a period of 12 months from the original purchase date.

For a period of one (1) year from your purchase date, ATD Tools, Inc. will repair or replace (at its option) without charge, your ATD product if it was purchased new and the product has failed due to a defect in material or workmanship which you experienced during normal use of the product. This limited warranty is your exclusive remedy.

To access the benefits of this warranty, contact your supplier, or point of sale directly. You may be advised to return the product under warranty, freight prepaid, to your supplier for warranty determination.

If this ATD product is altered, abused, misused, modified, or undergoes service by an unauthorized technician, your warranty will be void. We are not responsible for damage to ornamental designs you place on this ATD product and such ornamentation should not cover any warnings or instructions or they may void the warranty. This warranty does not cover scratches, superficial dents, and other abrasions to the paint finish that occur under normal use. It also does not cover normal wear items such as but not limited to brushes, batteries, drill bits, drill chucks, pads or blades.

Subject to the law in your state:

- (1) Your sole and exclusive remedy is repair or replacement of the defective product as described above.
- (2) ATD is not liable for any incidental damages, including but not limited to, lost profits and unforeseeable consequences.
- (3) The repair and replacement of this product under the express limited warranty described above is your exclusive remedy and is provided in lieu of all other warranties, express or implied. All other warranties, including implied warranties and warranties of merchantability or fitness for a particular purpose are disclaimed and, if disclaimer is prohibited, these warranties are limited to one year from your date of purchase of this product.

Some states' laws do not allow limited durations on certain implied warranties and some states' laws do not allow limitations on incidental or consequential damages. You should consult the law in your state to determine how your rights may vary.

DISPOSAL OF PACKAGING AND PRODUCT. As the purchaser of this product you are responsible for disposing of the packaging in which it comes and for the product itself at end of use and must comply with all applicable environmental and/or other laws, rules, regulations and guidelines. If you transfer the product to any other person you must inform them of this responsibility. Consistent with EPR initiatives, most of our packaging and components are designated for resource recovery. These materials must be transferred to authorized facilities specializing in the processing and reclamation of industrial materials. In all circumstances, strict adherence to local environmental regulations is required to ensure proper material diversion.

