

# Diesel engine air compressor clutch plate replacement video tutorial

How do I remove the clutch plate from my a/C compressor?

Remove the clutch plate and shim (s) from the A/C compressor. If required, install an 8 x 1.25 mm bolt into the centre of the clutch plate and turn the bolt clockwise until the clutch plate is completely removed from the A/C compressor. 9.

How do I service the a/C compressor clutch?

NOTE: If the A/C compressor clutch can be serviced in the vehicle, the refrigerant system can remain fully charged during compressor clutch, pulley and bearing assembly or field coil replacement. 1. Disconnect and isolate the negative battery cable. 2. Remove the accessory drive belt. 3. Raise and support the vehicle. 4.

How do I remove the a/C compressor from the engine?

1. Disconnect and isolate the negative battery cable. 2. Remove the accessory drive belt. 3. Disconnect the engine wire harness from the A/C compressor clutch field coil connector (1) located on the top of the A/C compressor (5). 4. Remove the bolts that secure the A/C compressor to the engine and support the A/C compressor. 5.

How do I position the a/C clutch field coil?

1. Position the A/C clutch field coil (1) squarely onto the front of the A/C compressor(2). CAUTION: Position the A/C clutch field coil so that the coil positioning tabs and the wire harness lead are oriented in the correct direction. Failure to correctly position the field coil on the A/C compressor will result in field coil damage.

How do I align my a/C compressor pulley & bearing assembly?

Align the pulley and bearing assembly (1) squarely onto the front of the A/C compressor (2). NOTE: A distinct change of sound during the clutch pulley tapping process indicates that the pulley and bearing assembly has bottomed out against the compressor housing.

How do I install the a/C compressor pulley?

Install the pulley and bearing assembly (1) onto the front of the A/C compressor. If necessary, tap the pulley gently with a block of wood (2) placed on the pulley friction surface. CAUTION: The snap ring must be fully and properly seated in the groove or it will vibrate out, resulting in a clutch failure and severe damage to the A/C compressor.

The "clutchless" A/C compressor on this 2009 Toyota Corolla had a weird failure where the shaft plate separated from the driven pulley. Time for a new compres...

General Information Cummins#174; engines are equipped with a variety of air compressors, including a two cylinder version. This procedure will ...



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Step 12: Remove the 6 pressure plate bolts, and remove the pressure plate and clutch disc. Throw away the pressure plate bolts, they are not supposed to be used again. ...

Free step-by-step manuals and video tutorials on replacing Ac Compressor Clutch will tell you how to change car parts and service your car quickly and cheaply.

This video describes how to change the air compressor on a Cat Diesel Engine. While not the most technical component to change, this video talks about how to swap the fittings, when the engine ...

This tutorial covers the 2003-2008 (9th gen) North American Toyota Corolla models with the standard engine (1ZZ-FE) and manual transmission. The Toyota Matrix and Pontiac Vibe of the same ...

In this video I go over how you can test your a/c compressor stator or coil, clutch and bearing and also how you can go about removing and replacing each one...

Our solution Fit our replacement shear plate and bolts and restore your air conditioning compressor to full output. Our replacement shear plate is a direct replacement for the damaged OEM part.

The clutch plate is the mechanical device that allows you to shift gears in a manual transmission, and over time, it can wear down. If you notice your car is struggling to change ...

To me, something appears warped. It looks like the clutch as you watch the video with it partially spinning you can see the gap with the pulley getting larger and smaller. If I ...

Removal of Clutch Plate on Air Conditioning Compressor. Long Story Short if you don't want to read anything - You'll want the special wrench and thread pusher bolt that ...

Our solution Fit our replacement shear plate and bolts and restore your air conditioning compressor to full output. Our replacement shear plate is a direct replacement for ...

How replace an ac a/c compressor, how to add pag oil, how to add refrigerant oil, how to fix an a/c system, how to find and fix problems with your ac compres...

When you turn on your car's AC, the compressor clutch coil energizes and pulls in the clutch disc so it contacts the compressor pulley and ...

Step 12: Remove the 6 pressure plate bolts, and remove the pressure plate and clutch disc. Throw away the pressure plate bolts, they are ...



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How to remove and replace air conditioning compressor clutch. This replacement is on a 2015 Ram 1500. The original clutch coil fail leaving the clutch inoper...

4JJ1 COLORADO / DMAX CLUTCH REPLACEMENT PT1 JUST A VIDEO SHOWING HOW I REPLACED MY GOOD MATE ROBO'S CLUTCH IN HIS HOLDEN COLORADO THIS HAS THE BELOVED ...

Free and detailed step-by-step manuals with illustrations and video tutorials on how to replace MITSUBISHI Ac Compressor Clutch will tell you how to carry out part replacement and car ...

Reinstall the Pulley and Clutch Plate Slide the pulley back onto the compressor shaft and secure it with the retaining clip. Align and install the clutch plate, tightening the center bolt properly.

This tutorial covers the 2003-2008 (9th gen) North American Toyota Corolla models with the standard engine (1ZZ-FE) and manual transmission. The Toyota Matrix and Pontiac Vibe of ...

I don't have a vacuum pump yet, so to hold me over till I get one, just left everything in place and replace the clutch. I will change the ...

Learn how to perform an AC compressor clutch replacement step by step. This guide walks you through removing the old clutch, pulley, and magnet, and installing new components to restore smooth ...

How to change a car or truck A/C compressor clutch coil to save hundreds of dollars by not replacing the compressor. This is a step-by-step guide explaining the process.

The clutch plate is the mechanical device that allows you to shift gears in a manual transmission, and over time, it can wear down. If you notice ...

We removed the compressor mounting bolts and repositioned the compressor just enough to be able to remove the pressure plate and pulley to replace the clutch bearing.

Diesel Engine Clutch Plate Installation Guide step by step 2024 Clutch Plate Replacement Tutorial" &quot;DIY Diesel Engine Clutch Plate Installation" &quot;Clutch Plate...

Cool Car Air Conditioning provides information that has been compiled as a simple step-by-step guide to show you how to replace the clutch on your a/c compressor.

Tags: how to remove clutch from car, how to replace a clutch in a truck clutch replacement cost, is it worth replacing a clutch what to do after clutch replacement how to replace clutch plates in ...



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Hey guys, just thought I would share my clutch replacement experience with you. Hopefully it will help out someone else with the same problem. First thing was the diagnosis. ...

Someday you may need to rebuild or replace clutch, but I figured someday the A/C will probably eat itself and I will have to buy a new compressor which will come with an already ...

#clutch #manual #transmission #car #engine In this video we will have a look at the Ultimate Guide on How to Replace Your Car or Truck Clutch Like a Pro!Co...

The AC clutch was making strange sounds in the truck and after investigation i found that the Clutch and pulley bearing were bad. Hopefully this video will h...

Nissan DQ engine Custom designed graphic is printed in vivid color and high resolution using state of the art color transfer technology.

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