



INSTALLATION GUIDE

NISSENS' FAN CLUTCHES



- Apply the parking brake and turn off the vehicle ignition.
- Connect a diagnostic computer to the vehicle in order to determine the cause of defect.
- Before starting the installation, always follow the vehicle manufacturer's instructions and remove the necessary components to allow access to the fan clutch.
- Perform a visual inspection of the fan clutch and unplug the electrical connection of the fan clutch, if any.
- Remove the bolts from the plastic shroud and the bolts that attach the fan clutch to the shaft. Remember to keep these bolts for later assembly of the new fan clutch.
- Carefully remove the fan clutch and shroud from the engine compartment in order to avoid damage of the radiator fins.
- Remove the bolts that attach the fan blades to the fan clutch and carefully inspect for bent or broken blades. A damaged fan must not be repaired, it should always be replaced.
- Compare the defective fan clutch to the replacement fan clutch to ensure uniformity in terms of important measurements.
- Screw the fan blades on the new clutch using the correct torque. Always use the bolts which come with Nissens' fan clutch.
- The shaft surface must be completely clean before installation, as any dirt can cause axial run-out errors.
- Screw the fully assembled fan clutch on to the shaft.
- Install all other components previously removed according to the vehicle manufacturer's instructions.
- Now, plug in the electrical connection if any. Important: All electrical wiring must be secured correctly to prevent damage or malfunction.
- Make sure that the blades are able to spin freely in the shroud before resealing the driver's cap.
- Connect a diagnostic computer to the vehicle to ensure that there are no error codes.



INSTALLATION MOVIE

Watch our fan clutch installation movie online for a more detailed walk through the different installation steps. **Available in Nissens' webshop.**

! Never use electrical wiring or harness as a handling bar.

! If the fan clutch is dropped on the floor during installation or the like it should be discarded.

For more technical product information, please consult our online catalogue at www.nissens.com/catalogue. Otherwise please contact your local sales office or one of the official Nissens distributors.

Nissens A/S, Ormhøjgårdvej 9, DK-8700 Horsens, +45 7626 2626, nissens@nissens.com, www.nissens.com

Nissens[®]

DELIVERING THE DIFFERENCE