FAN CLUTCHES
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ON/OFF FAN CLUTCH

ON/OFF FAN CLUTCH
ON/OFF FAN CLUTCH

SAVE TIME AND MONEY WITH THE ULTIMATE FAN CLUTCH KIT

5,000 INCH-LBS. OF TORQUE
Enough to handle any fan

EASY INSTALLATION REDUCES
9 individual components into one component assembly. Less components equals less mistakes

EXCLUSIVE FAIL-SAFE FEATURE
Automatically engages fan clutch when it nears the end of its life, preventing on-road failures

EVERYTHING IN ONE KIT
No additional bearing kit required

PART NUMBERS
QABP N2014256
QABP N20142561
ON/OFF FAN CLUTCH

Long-lasting friction plus a two o-ring shaft combine for ultimate performance

REPLACEMENT FOR
K22, K26, K30 & K32

HIGHEST TORQUE RATING
Torque Rated for 30” Fans & Larger

EXCLUSIVE FAIL-SAFE FEATURE
Automatically engages fan clutch when it nears the end of its life, preventing on-road failures

FAN PILOT FLEXIBILITY
Our one fan clutch has both 2.56” & 5” fan pilots to cover more applications

SUPERIOR O-RING MATERIALS
Viton and Urethane O-rings help avoid air leaks

TWO O-RINGS ARE BETTER THAN ONE!
Our extended shaft allows for the addition of a urethane o-ring for resilience to motion, and a Viton® o-ring to create a superior air barrier.

PART NUMBER
QABP N208801N

DUAL SEAL PROTECTION
AC COMPRESSORS

THE ULTIMATE 2-SPEED FAN CLUTCH REBUILD KIT

2-SPEED FAN CLUTCHES

5,000 INCH-LBS. OF TORQUE
Enough to handle any fan

EASY INSTALLATION REDUCES
9 individual components into one component assembly. Less components equals less mistakes

EXCLUSIVE FAIL-SAFE FEATURE
Automatically engages fan clutch when it nears the end of its life, preventing on-road failures

EVERYTHING IN ONE KIT
No additional bearing kit required

KEEP YOUR CURRENT FAN
Includes 2.56” and 5” fan pilot

PART NUMBERS
QABP N2024256
QABP N20242561

THE ULTIMATE 2-SPEED FAN CLUTCH REBUILD KIT
WHY USE A 2-SPEED FAN CLUTCH INSTEAD OF AN ON/OFF FAN CLUTCH?

In vocational applications, where the fan clutch engagement time exceeds 10% of the engine run time, SWITCH TO a 2-Speed fan clutch to save horsepower and fuel.

In a 2-Speed fan clutch, when the fan clutch is disengaged, the fan still rotates at between 15% and 25% of the engine RPM, this fan rotation provides crucial airflow to the engine and draws virtually no horsepower.

FEATURES & BENEFITS OF CONVERTING TO A 2-SPEED FAN CLUTCH

HORSEPOWER SAVINGS

A fully engaged fan clutch absorbs a massive amount of horsepower. Fewer fan clutch engagements will recapture that lost power.

IMPROVED FUEL ECONOMY

It takes horsepower to drive a fan blade. As you recapture your lost horsepower, you improve fuel economy.

HORSEPOWER SAVED = FUEL MILEAGE EarnED

LONGER FAN CLUTCH LIFE

A fan clutch has in its life a given amount of engagements. When engaged 10% or less it should last 4-6 years. Increasing engagement cycles reduces life.

Providing constant cooling means reducing engagement cycles and this will improve the life of the fan clutch, fan belts and belt tensioner.

LOWER UNDER-HOOD TEMPERATURES

Excessive heat causes stress on your engine and its components. The viscous engagement of the 2-Speed GoldTop provides continual air flow to the engine compartment.

DRIVER COMFORT

A fully engaged fan clutch makes a lot of noise. Fewer engagements will improve driver comfort, a key factor in driver retention.

EASY INSTALLATION

Kit Masters has been making fan clutch rebuild kits user-friendly for years, and the 2-Speed GoldTop kit continues that tradition. With fewer individual components, installation is a breeze.
**2 SPEED FAN CLUTCHES**

**REDUCE THE FREQUENCY OF FAN CLUTCH ENGAGEMENTS**

Provide constant air flow without robbing horsepower by utilizing approximately a 15-25% Viscous Engagement. The 2-Speed fan clutch delivers crucial CFM to the engine compartment, keeping a more consistent engine temperature with fewer full fan clutch engagements.

**2-SPEED FAN CLUTCH REBUILD/CONVERSION KITS**

- Rebuild your current 2-Speed fan clutch, or convert your on/off fan clutch to a 2-Speed. One kit does both!
- Fewer fan clutch engagements
- Better fuel mileage
- Highest torque rating
- Less time to install
- Interchangeable fan pilots
- Lower Cost
- 200,000 mile/2 year warranty
- No need for separate bearing kit
- Higher quality internal components

**VERSATILITY FOR BETTER COVERAGE**

Fan pilot sizes vary. The 2-Speed GoldTop’s innovative design allows you to transform the standard 2.56” pilot into a 5” pilot by simply installing a pilot adapter ring and six new fan studs (included). No need to replace your fan or buy a different 2-Speed kit.

*Data based on engine speed of 1800 RPM.*

<table>
<thead>
<tr>
<th>Fan RPM</th>
<th>HP Draw</th>
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<td>80 RPM</td>
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<tr>
<td>300 RPM</td>
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<td>1800 RPM</td>
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FEATURES & BENEFITS:

- U.S. Components and U.S. Manufactured
- Two Bearing Hub vs. One Bearing Hub Design
- Higher Quality Bearings
- Angular Contact Bearing
- Higher Quality Lining
- Superior Fused Plate (Virgin Teflon vs. Lead)
- Superior O-Rings (Viton vs. NBR)

CROSS REFERENCE

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HOW TO IDENTIFY YOUR FAN BLADE

If you cannot find a part number on your fan blade, simply gather the following information:

1. **Rotation**

   Place your fan engine side down on the floor/counter. Look at the blade that is in the 12 o’clock position. One side of the blade will be resting on the floor and one side will be raised.
   
   • If the Right side is raised, your fan is Clockwise.
   • If the Left side is raised, your fan is Counterclockwise.

2. **Number of Blades**

   Simply count the number of blades. Available options range from 6 to 11 blades.

3. **Projected Width (Pitch)**

   Place your fan engine side down on the floor/counter. Measure the distance from the floor/counter to the highest point of an undamaged blade.

4. **Fan Pilot**

   Measure the opening of the center fan plate using a caliper. If the fan pilot is lemon shaped (see photo 4a) your pilot will always measure 2.56”. You will need to specify the lemon shaped pilot when ordering. Choose one of the following:

<table>
<thead>
<tr>
<th>1”</th>
<th>2”</th>
<th>2.05”</th>
<th>2.56”</th>
<th>5”</th>
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<tr>
<td>These are the most common pilot sizes – other sizes available.</td>
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5. **Fan Diameter**

   Measure the overall diameter of your fan at its widest point.

6. **Back to Back (Dish)**

   Place your fan engine side down on the counter/floor. Put a tape measure through the pilot hole and measure the distance from the floor/counter up to the bottom of the fan plate in the center.

   Once you have gathered this information, contact your Alliance Truck Parts dealer to determine a part number.
REMANUFACTURED FAN CLUTCHES

Better than new quality at a fraction of the price!
2 Year/200,000 Kilometer Warranty

REMANUFACTURED FAN CLUTCHES AVAILABLE
HT550® / HT650® CONVERSIONS

Our conversion clutches are direct replacement/upgrades for Mack applications of the HT650®/HT550® fan clutches

2 Year/200,000 Kilometer Warranty

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WARRANTY

Alliance Truck Parts are backed by a 1-year/unlimited-Kilometer standard warranty.

DID YOU KNOW

You can use alliance brand fan clutches to replace warranty fan clutches