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EFORTISSIMO Racing 4020201

EFORTISSIMO Racing Stage 2 Clutch Kit Instruction Manual

For VW Golf, Jetta, Cabrio 2.0L SOHC (1994-2002)

1. PRODUCT OVERVIEW

The EFORTISSIMO Racing Stage 2 Clutch Kit is designed as an upgrade from standard clutch systems, suitable for both street and track applications. This kit offers enhanced performance with smooth engagement and increased power handling capabilities compared to stock clutches. It is engineered as a direct factory replacement, requiring no modifications for installation.

Key features include carbonized friction material for superior burst strength and heat tolerance, along with a heavy-duty sprung center with heat-treated components for increased reliability. The pressure plate incorporates a special single diaphragm design to optimize clamp load, featuring an induction hardened diaphragm, CNC machined castings, and reinforced drive straps and rivets. Each pressure plate undergoes load testing to ensure quality and consistent performance.

2. KIT COMPONENTS

This complete clutch kit includes the following components:

- EFORTISSIMO Racing Heavy-Duty Pressure Plate (includes snap ring and plate)
- EFORTISSIMO Racing Carbon Disc (8-1/4", 28 spline)
- Release Bearing
- Alignment Tool
- Installation Guide



Image 1: The EFORTISSIMO Racing Stage 2 Clutch Kit. This image displays all primary components of the clutch kit, including the red pressure plate, the black carbon friction disc, a small silver release bearing, and a black alignment tool. These parts are essential for a complete clutch replacement.

3. SPECIFICATIONS

- **Manufacturer Part Number:** 4020201
- **Horsepower Rating:** 221 HP
- **Torque Capacity:** 191 ft/lbs
- **Item Weight:** Approximately 13 pounds
- **Clutch Disc Diameter:** 8-1/4 inches
- **Spline Count:** 28
- **Friction Material:** Carbonized
- **Pressure Plate Design:** Single Diaphragm

4. VEHICLE APPLICATION

This clutch kit is compatible with the following Volkswagen models equipped with a 2.0L SOHC 4-cylinder engine:

- **Volkswagen Cabrio:** 1995 - 2002
- **Volkswagen Golf (MK3 model only):** March 1994 - 1998
- **Volkswagen GTI (MK3 model only):** March 1994 - 1998
- **Volkswagen Jetta (MK3 model only):** March 1994 - 1998

Please verify your vehicle's specific model year and engine type to ensure compatibility before installation.

5. SETUP AND INSTALLATION

Installation of a clutch kit requires specialized tools and technical knowledge. It is strongly recommended that this product be installed by a certified professional mechanic. Improper installation can lead to premature wear, component failure, and potential safety hazards.

Refer to the included installation guide for detailed, step-by-step instructions. Key steps typically include:

1. Safely lifting and securing the vehicle.
2. Removing the transmission.
3. Inspecting and cleaning the flywheel and bell housing.
4. Installing the new pilot bearing (if applicable) and release bearing.
5. Mounting the clutch disc and pressure plate using the alignment tool.
6. Reinstalling the transmission and all associated components.
7. Performing a break-in procedure as outlined in the installation guide.

6. OPERATING INSTRUCTIONS

After installation, a proper break-in period is crucial for optimal clutch performance and longevity. Follow the break-in recommendations provided in the installation guide, which typically involves a period of gentle driving without aggressive acceleration or heavy loads.

During normal operation, engage and disengage the clutch smoothly. Avoid riding the clutch, which means keeping the clutch pedal partially depressed while driving, as this causes excessive wear. Fully depress the clutch pedal when shifting gears and fully release it when driving to ensure proper engagement and disengagement.

7. MAINTENANCE

Regular maintenance of your vehicle's transmission and clutch system can extend the life of your EFORTISSIMO Racing Stage 2 Clutch Kit. This includes:

- Checking and maintaining proper hydraulic fluid levels for hydraulic clutch systems.
- Ensuring proper clutch pedal free play for cable-operated systems.
- Addressing any unusual noises or changes in clutch feel promptly.
- Avoiding prolonged slipping of the clutch, especially under heavy load.

8. TROUBLESHOOTING

If you experience issues with your clutch, consider the following common problems and potential causes:

- **Clutch Slipping:** May indicate worn friction material, oil contamination, or improper adjustment.
- **Difficulty Shifting/Grinding Gears:** Could be due to incomplete clutch disengagement, hydraulic system issues, or worn transmission components.
- **Clutch Chatter/Vibration:** Often caused by an uneven flywheel surface, worn clutch components, or improper installation.
- **Hard Pedal:** May suggest issues with the pressure plate, hydraulic system, or clutch cable.

For persistent or severe issues, consult a qualified mechanic. Attempting repairs without proper knowledge and tools can cause further damage or injury.

9. WARRANTY INFORMATION

This EFORTISSIMO Racing clutch kit is backed by a warranty of 12 months or 12,000 miles, whichever comes first, against any manufacturer defects. This warranty covers defects in materials and workmanship under normal use and service.

For warranty claims or detailed terms and conditions, please refer to the documentation provided with your purchase or contact EFORTISSIMO Racing customer support.

10. TECHNICAL SUPPORT

EFORTISSIMO Racing offers technical support to assist with product inquiries and ensure customer satisfaction. For assistance, please visit the official EFORTISSIMO Racing website or contact their customer service department through the provided channels.