

## Dodge 117436

# Dodge 117436 4545 X 3-3/4-Kw Drive Components Instruction Manual

Model: 117436

## 1. INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of the Dodge 117436 4545 X 3-3/4-Kw Drive Components. Adhering to these guidelines will ensure safe and efficient performance of the product. Please read this manual thoroughly before attempting any installation or operation.

The Dodge 117436 is a robust drive component designed for industrial power transmission applications. It is manufactured by Baldor Electric Company, known for its quality industrial products.

## 2. SAFETY INFORMATION

### WARNING:

- Always disconnect power before installation, maintenance, or servicing.
- Ensure all components are correctly aligned and secured to prevent operational hazards.
- Wear appropriate personal protective equipment (PPE) during installation and maintenance.
- Refer to local safety regulations and standards.
- Only qualified personnel should perform installation and maintenance procedures.

## 3. PRODUCT OVERVIEW

The Dodge 117436 is a specific model of drive component, likely a type of coupling or bushing, designed to transmit torque between two shafts. Its precise design ensures reliable connection and power transfer in demanding industrial environments.



**Figure 1:** Dodge 117436 Drive Component. This image displays the main body of the drive component, which appears to

be a split tapered bushing or coupling half, along with three hexagonal head bolts used for securing it. The component is made of metal, indicating its robust industrial application.

## 4. SETUP AND INSTALLATION

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Proper installation is crucial for the longevity and performance of the Dodge 117436 drive component. Follow these steps carefully:

1. **Preparation:** Ensure all mating surfaces are clean, dry, and free from burrs or damage. Inspect the component for any shipping damage.
2. **Alignment:** Accurately align the shafts or components that the drive component will connect. Misalignment can lead to premature wear and failure.
3. **Mounting:** Position the Dodge 117436 component onto the shaft or hub as per the specific application requirements. If it is a tapered bushing, ensure the taper matches the mating part.
4. **Securing:** Insert and gradually tighten the securing bolts (as shown in Figure 1) in a crisscross pattern to ensure even pressure. Refer to the manufacturer's torque specifications for the correct tightening values.
5. **Final Check:** After tightening, re-check alignment and ensure all fasteners are secure. Rotate the assembly manually to confirm free movement and absence of binding.

*Note: Specific torque values and detailed mounting procedures may vary based on the exact application and mating components. Consult additional technical drawings or application guides if available.*

## 5. OPERATING INSTRUCTIONS

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Once installed, the Dodge 117436 drive component operates as part of a larger power transmission system. No direct user operation is typically involved with this specific component itself, as it is a passive mechanical link.

- **Initial Run-up:** After installation, perform a short, low-speed test run to observe for any unusual noises, vibrations, or heat generation.
- **Monitoring:** During normal operation, periodically monitor the component for signs of wear, excessive heat, or loosening.
- **Load Limits:** Ensure the operational loads and speeds do not exceed the design specifications of the drive component and the overall system.

## 6. MAINTENANCE

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Regular maintenance extends the lifespan and ensures the reliability of the Dodge 117436 drive component.

- **Inspection:** Periodically inspect the component for signs of corrosion, cracks, wear, or fretting. Check for loose bolts or fasteners.
- **Cleaning:** Keep the area around the component clean and free from debris, dust, and contaminants that could interfere with its function or cause premature wear.
- **Lubrication:** If the component is part of a system requiring lubrication (e.g., a grid coupling), ensure the correct lubricant is applied at recommended intervals. The Dodge 117436 itself, if a solid bushing or coupling half, typically does not require lubrication.
- **Replacement:** Replace the component if significant wear, damage, or fatigue is observed. Do not attempt to repair severely damaged components.

## 7. TROUBLESHOOTING

This section addresses common issues that may arise with drive components.

Problem	Possible Cause	Solution
Excessive Vibration	Misalignment, loose fasteners, worn components, unbalanced load.	Check and correct alignment. Tighten all fasteners to specified torque. Inspect for wear and replace if necessary. Balance the system load.
Unusual Noise	Lack of lubrication (if applicable), rubbing components, loose fit.	Apply appropriate lubricant. Inspect for contact points and adjust. Re-evaluate fit and securement.
Overheating	Excessive friction, insufficient lubrication, overloading.	Check lubrication. Reduce load if exceeding limits. Inspect for binding.

If problems persist after attempting these solutions, contact a qualified technician or the manufacturer for assistance.

## 8. SPECIFICATIONS

Key specifications for the Dodge 117436 drive component:

- **Model Number:** 117436
- **Description:** 4545 X 3-3/4-Kw Drive Components
- **Brand:** Dodge
- **Manufacturer:** Baldor Electric Company
- **Item Weight:** 20.4 pounds (approx. 9.25 kg)
- **Product Dimensions:** 6.75 x 6.75 x 5 inches (approx. 17.15 x 17.15 x 12.7 cm)
- **ASIN:** B00BC90A8A
- **Date First Available:** February 7, 2013

These specifications are provided for reference. Always verify compatibility with your specific application requirements.

## 9. WARRANTY AND SUPPORT

For warranty information, please refer to the official documentation provided by Baldor Electric Company or Dodge at the time of purchase. Warranty terms typically cover manufacturing defects under normal use conditions.

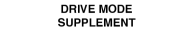


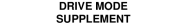


For technical support, spare parts, or further assistance, please contact your authorized Dodge distributor or Baldor Electric Company customer service. Ensure you have the model number (117436) and purchase details available when contacting support.

**Manufacturer:** Baldor Electric Company

**Brand:** Dodge

**Website:** [www.baldor.com](http://www.baldor.com) (or relevant Dodge product page)

## Related Documents - 117436

 DRIVE MODE SUPPLEMENT	<p><a href="#">2017 Dodge Challenger/Charger Drive Mode Supplement Guide</a></p> <p>Explore the Drive Modes of your 2017 Dodge Challenger and Charger. This supplement details Performance Pages, including Home, Timers, Gauges, G-Force, and Engine, as well as Performance Control features like Launch Mode and Sport Mode.</p>
	<p><a href="#">2019 Dodge Challenger/Charger Drive Mode Supplement: Optimize Your Driving Experience</a></p> <p>This supplement details the advanced drive modes and performance features for the 2019 Dodge Challenger and Charger. Learn about Performance Pages for real-time vehicle data, Performance Control for customizing driving dynamics, SRT Drive Modes for track or street performance, and specialized modes like Eco and Valet to enhance your driving experience.</p>
	<p><a href="#">2024 Dodge Hornet Owner's Manual</a></p> <p>Comprehensive owner's manual for the 2024 Dodge Hornet, covering operation, maintenance, safety features, and troubleshooting. Learn about your vehicle's systems, controls, and how to ensure a safe and enjoyable driving experience.</p>
 DRIVE MODE SUPPLEMENT	<p><a href="#">Dodge and SRT Drive Modes: Performance and Control Guide</a></p> <p>Explore Dodge and SRT vehicle drive modes, performance pages, launch control, and track driving guidelines. Learn how to optimize your vehicle's performance for various conditions.</p>
	<p><a href="#">2017 Dodge Charger Quick Reference Guide</a></p> <p>A concise guide to the features and operation of the 2017 Dodge Charger, including Keyless Enter-N-Go, instrument cluster controls, phone pairing, lighting systems, speed control, safety features, SRT specifics, and connected services like SiriusXM Guardian and the Drive Dodge mobile app.</p>
	<p><a href="#">2016 Dodge Durango, Journey, and Grand Caravan Brochure   Features &amp; Specs</a></p> <p>Explore the 2016 Dodge Durango, Journey, and Grand Caravan. Discover detailed features, specifications, interior and exterior options, and buyer's guides for Dodge's SUV and minivan lineup.</p>