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› ARP 760-1001 Stainless Steel Hex Bolt Instruction Manual

ARP 760-1001

ARP 760-1001 Stainless Steel Hex Bolt Instruction Manual

Model: 760-1001

INTRODUCTION

This manual provides essential information for the proper installation and maintenance of your ARP 760-1001 Stainless Steel Hex Bolts. These high-quality fasteners are designed for demanding automotive applications, offering superior strength and corrosion resistance. Adherence to these instructions will ensure optimal performance and longevity of the product.



ARP

automotive *Racing* products

Professional Quality Fasteners

760-1001

SS HEX M6 X
20UHL 5Pk



672036029142



A.R.P. Automotive Racing Products • Ventura, CA

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Image: ARP 760-1001 Stainless Steel Hex Bolts, packaged as a set of five. The packaging displays the ARP logo, product number, and UPC.

SAFETY INFORMATION

Always prioritize safety when working with automotive components. Failure to follow proper safety procedures can result in injury or damage to parts.

- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle or component is securely supported before beginning any work.
- Use only clean, calibrated torque wrenches for tightening fasteners.
- Refer to the vehicle or component manufacturer's service manual for specific torque specifications and procedures.
- Keep fasteners and small parts out of reach of children.

PACKAGE CONTENTS

Each package of ARP 760-1001 Hex Bolts contains the following:

- 5 x ARP 760-1001 Stainless Steel Hex Bolts (M6 x 1.00 x 20mm)

INSTALLATION

Proper installation is critical for the performance and safety of these fasteners. Follow these general guidelines:

1. **Preparation:** Ensure all mating surfaces and threaded holes are clean and free from debris, rust, or old threadlocker. Use a thread tap to clean out female threads if necessary.
2. **Lubrication:** Apply a light, high-quality anti-seize compound to the threads of the bolts. This is especially important for stainless steel fasteners to prevent galling (cold welding) during tightening and removal.
3. **Initial Engagement:** Hand-thread the bolts into their respective holes to ensure proper alignment and engagement. Do not force the bolts.
4. **Torque Application:** Using a calibrated torque wrench, tighten the bolts to the manufacturer's specified torque value for the component being fastened. Tighten in a gradual, even pattern if multiple bolts are used. Refer to the vehicle or component service manual for exact torque specifications.
5. **Final Check:** After tightening, visually inspect each bolt to ensure it is properly seated and the component is secure.

Note: While ARP bolts are designed for high strength, always adhere to the torque specifications provided by the component manufacturer to avoid over-stressing the component or the bolt itself.

USAGE GUIDELINES

ARP 760-1001 Stainless Steel Hex Bolts are suitable for various automotive applications where an M6 x 1.00 x 20mm stainless steel fastener with an 8mm hex head is required. Their stainless steel construction provides excellent corrosion resistance, making them ideal for environments exposed to moisture or chemicals. These bolts are stronger than standard SAE Grade 8 bolts, offering enhanced reliability.

MAINTENANCE

These bolts require minimal maintenance once installed correctly. However, periodic inspection is recommended, especially in high-stress or corrosive environments.

- **Inspection:** Periodically check for any signs of loosening, corrosion, or damage.
- **Cleaning:** If exposed to harsh conditions, clean the bolts and surrounding areas to prevent buildup of corrosive materials.
- **Re-torquing:** In some applications, re-torquing after initial use may be recommended by the component

manufacturer. Consult your service manual.

- **Reusability:** Due to their excellent metallurgy, ARP bolts are designed for reuse. When removing and reinstalling, always reapply anti-seize to the threads and tighten to the correct torque specification.

TROUBLESHOOTING

While ARP bolts are highly durable, certain issues can arise during installation or use.

Galling (Cold Welding)

Galling is a form of wear caused by adhesion between sliding surfaces, often occurring with stainless steel fasteners. It can lead to threads seizing.

- **Symptom:** Bolt becomes difficult to turn or seizes completely during tightening or removal.
- **Cause:** Lack of proper lubrication (anti-seize) on threads, excessive tightening speed, or damaged threads.
- **Solution:** Always apply a high-quality anti-seize compound to stainless steel threads before installation. Tighten bolts smoothly and avoid excessive speed. If galling occurs, the bolt and potentially the female threads may need replacement.

SPECIFICATIONS

Detailed technical specifications for the ARP 760-1001 Hex Bolts:

Feature	Detail
Model Number	760-1001
Material	Stainless Steel
Thread Size	M6 x 1.00
Length	20 mm
Head Style	Hex (8 mm hex head)
Fastener Type	Hexagon Bolt
Manufacturer Grade	Exceeds Grade 8 strength
Number of Pieces	5
Item Weight (per package)	0.053 kilograms (approx. 1.92 ounces)
Country of Origin	United States
UPC	0672036029142

WARRANTY AND SUPPORT

For specific warranty information or technical support regarding your ARP products, please contact ARP directly through their official website or customer service channels. ARP is committed to providing high-quality automotive fasteners and support for their products.



Image: ARP Automotive Racing Products logo, representing the brand.