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Dorman 360-191

Dorman 360-191 Sheet Metal Screw User Manual

Phillips Pan Head - No. 12 x 3/4 In.

1. Introduction

This manual provides essential information for the proper use and application of the Dorman 360-191 Sheet Metal Screw. These screws are designed for various fastening tasks, particularly in automotive applications, offering reliable performance and durability.

2. Product Overview

The Dorman 360-191 is a Phillips pan head sheet metal screw, measuring No. 12 in diameter and 3/4 inch in length. It is constructed from quality materials to ensure a long service life and secure fastening. This screw is suitable for a wide range of applications where a self-tapping fastener is required for sheet metal or similar materials.



Figure 1: Close-up of the Dorman 360-191 screw head and threads.



Figure 2: Side view of the Dorman 360-191 screw.

Key Features:

- **Phillips Pan Head:** Provides a broad bearing surface and a Phillips drive for easy installation.
- **Sheet Metal Thread:** Designed for self-tapping into sheet metal, plastic, or wood.
- **Durable Construction:** Manufactured from quality components for reliable performance.

- **Versatile Application:** Suitable for various fastening needs in automotive and general-purpose uses.

3. Installation Guidelines

Proper installation ensures the longevity and effectiveness of the fastener. Always wear appropriate safety gear, such as eye protection, when working with tools and fasteners.

1. **Select the Correct Size:** Ensure the screw's diameter and length are appropriate for the material thickness and load requirements.
2. **Prepare the Material:** For optimal results, a pilot hole may be required, especially in thicker metals or harder plastics, to prevent material splitting or screw breakage. The pilot hole diameter should be slightly smaller than the screw's major thread diameter.
3. **Choose the Right Driver:** Use a Phillips head screwdriver or a power drill with a Phillips bit that correctly fits the screw head to prevent stripping.
4. **Drive the Screw:** Apply steady, even pressure while driving the screw. Avoid over-tightening, which can strip the threads in the material or damage the screw head.
5. **Verify Secure Fastening:** Ensure the screw is seated firmly and the components are securely joined.

Note: *For specific automotive applications, consult the vehicle's service manual for recommended fastener types and torque specifications.*

4. Operating Considerations

Sheet metal screws are designed for permanent or semi-permanent fastening. Once installed, they provide a strong hold. If removal is necessary, use the appropriate Phillips head driver. Repeated removal and re-installation into the same hole may reduce the holding power due to thread wear in the material.

5. Maintenance

Dorman 360-191 sheet metal screws require no specific maintenance after installation. They are designed for durability and resistance to common environmental factors. However, in corrosive environments, periodic inspection of all fasteners is recommended to ensure structural integrity.

- Store unused screws in a dry environment to prevent corrosion.
- Do not reuse screws if the threads are damaged or the head is stripped.

6. Troubleshooting

Common issues encountered during screw installation and their potential solutions:

- **Screw Head Stripping:**
  - Ensure the Phillips driver bit is fully seated in the screw head.
  - Apply adequate downward pressure while driving.
  - Avoid using worn or incorrect size driver bits.
  - Do not over-torque the screw.
- **Screw Not Tapping into Material:**
  - Verify the material is suitable for sheet metal screws.

- Consider drilling a pilot hole if the material is too hard or thick.
- Ensure the pilot hole is the correct size (slightly smaller than the screw's major diameter).

- **Material Splitting or Cracking:**
  - The pilot hole may be too small or absent.
  - Reduce driving speed, especially in brittle materials.
  - Avoid over-tightening.

7. Specifications

Attribute	Detail
Brand	Dorman
Model Number	360-191
Screw Type	Sheet Metal Screw
Head Type	Phillips Pan Head
Size	No. 12 x 3/4 In.
Material	Quality components (Durable construction)
Item Weight	13.6 ounces (for 100-pack)
Product Dimensions	3.63 x 2.38 x 2.19 inches (packaging)
Manufacturer Part Number	360-191
OEM Part Number	2367; 6126-294B
Special Features	Durable

8. Warranty and Support

Dorman products are backed by a commitment to quality and customer satisfaction. For specific warranty information, please refer to the official Dorman website or contact Dorman customer service directly. Every Dorman part is supported by Dorman's ASE Blue Seal Certified technical support team, available to assist with product-related inquiries.

For technical assistance or further information, please visit the official Dorman website or contact their customer support.

Note: *Proposition 65 Warning applies to this product. For more information, please refer to the product packaging or Dorman's official resources.*

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