KarParts360 CLX-M0-USA-REPH503002-CL360A72

KarParts360 Heater Core Installation and Maintenance Guide

For Acura MDX (2001-2006) and Honda Accord (1998-2002) / Pilot (2003-2008)

1. Introduction

This manual provides essential information regarding the KarParts360 Front Heater Core, designed as a direct replacement for specific Acura and Honda models. It covers product specifications, installation considerations, operational function, maintenance recommendations, and troubleshooting tips. Proper installation and maintenance are crucial for optimal performance and longevity of the component.

2. Product Specifications

The KarParts360 Heater Core is engineered to meet or exceed DOT & SAE compliance standards, ensuring a precise fit and reliable performance.

- **Brand:** KarParts360
- **Part Type:** Heater Core
- **Location:** Front
- **Core Dimensions:** 8.25 inches (Length) x 6.88 inches (Width) x 1 inch (Thickness)
- **Inlet Size:** 0.75 inches
- **Outlet Size:** 0.63 inches
- **Replaces DPI Number:** 8024
- **OEM Part Number:** 79110S84A01
- **Item Model Number:** CLX-M0-USA-REPH503002-CL360A72
- **Weight:** Approximately 2.6 pounds
- **Product Dimensions:** 15.09 x 12.23 x 5.83 inches (packaging)

Image 1: Front view of the KarParts360 Heater Core, showing the core and inlet/outlet pipes.

Image 2: Top view of the KarParts360 Heater Core, highlighting the fin structure.

3. Compatibility Information

This heater core is designed for direct replacement in the following vehicle models:

- **Acura MDX:** 2001, 2002, 2003, 2004, 2005, 2006
- **Honda Accord:** 1998, 1999, 2000, 2001, 2002
- **Honda Pilot:** 2003, 2004, 2005, 2006, 2007, 2008

Important: Please confirm the OEM part number (79110S84A01) or Partslink number matches your current part exactly before purchasing or installing to ensure proper fitment.

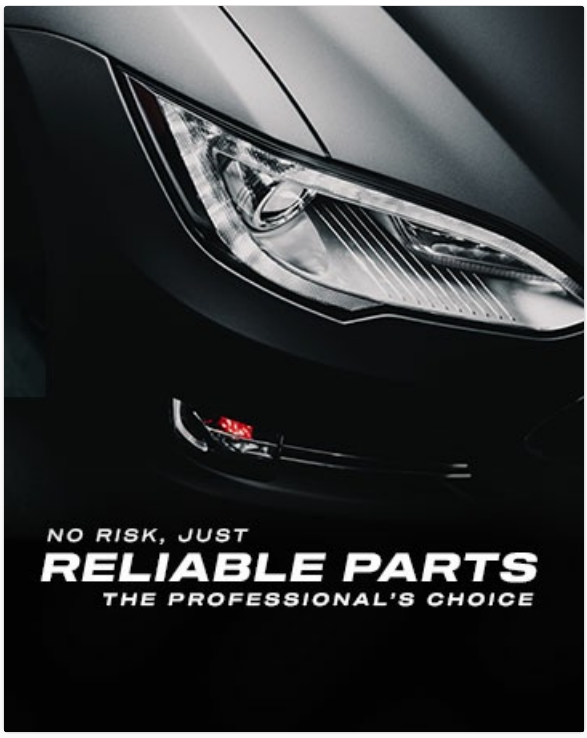

Image 3: Vehicle orientation diagram. The heater core is a front-located component, typically central, but this diagram helps clarify 'left' (driver side) and 'right' (passenger side) for other parts.

4. Installation Guidelines

Installation of a heater core involves working with the vehicle's cooling system and interior components. Due to the complexity and potential for coolant leaks or damage to other vehicle systems, professional installation by a certified mechanic is highly recommended.

4.1. General Steps (Overview)

1. **Safety First:** Ensure the vehicle is turned off, cooled down, and properly supported. Disconnect the battery.
2. **Drain Coolant:** Safely drain the engine coolant into a suitable container.
3. **Access Heater Core:** This typically involves removing dashboard components, which can be extensive.
4. **Disconnect Hoses:** Carefully disconnect the heater hoses from the old heater core. Be prepared for residual coolant.
5. **Remove Old Core:** Unfasten and remove the old heater core.
6. **Install New Core:** Position the new KarParts360 heater core and secure it. Reconnect heater hoses, ensuring clamps are tight.
7. **Reassemble:** Reinstall all removed dashboard and interior components.
8. **Refill Coolant:** Refill the cooling system with the manufacturer-specified coolant. Bleed the system to remove air pockets.
9. **Test System:** Start the vehicle, check for leaks, and verify proper heater operation. Monitor coolant levels.

4.2. Safety Precautions

- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Coolant is toxic. Handle with care and dispose of properly according to local regulations.
- Ensure the vehicle is completely cool before working on the cooling system to avoid burns from hot coolant or steam.
- Refer to your vehicle's specific service manual for detailed, model-specific instructions.

5. Function and Operation

The heater core is a small radiator-like device located within the vehicle's dashboard. Its primary function is to transfer heat from the engine's hot coolant to the air that is then blown into the passenger cabin, providing warmth. Engine coolant circulates through the heater core, and a fan blows air across its fins, warming the air before it enters the vehicle's interior through the vents. This process is controlled by the vehicle's climate control system.

6. Maintenance

While the heater core itself typically requires no direct maintenance, its longevity is heavily dependent on the overall health of the vehicle's cooling system. Regular maintenance of the cooling system will help prevent premature failure of the heater core.

- **Coolant Flushes:** Follow your vehicle manufacturer's recommendations for regular coolant flushes and replacements. This prevents corrosion and buildup of contaminants that can clog the heater core.
- **Use Correct Coolant:** Always use the type and concentration of coolant specified by your vehicle manufacturer. Mixing different types of coolant can lead to chemical reactions and system damage.
- **Check for Leaks:** Periodically inspect cooling system hoses, connections, and the radiator for any signs of leaks. Address any leaks promptly to maintain proper coolant levels and pressure.
- **Monitor Temperature Gauge:** Pay attention to your vehicle's temperature gauge. Overheating can put excessive stress on all cooling system components, including the heater core.

7. Troubleshooting Common Issues

If you experience issues with your vehicle's heating system, the heater core may be a contributing factor. Here are common symptoms of a failing heater core:

- **No Heat or Insufficient Heat:** If the engine reaches operating temperature but the cabin air remains cold or only slightly warm, the heater core might be clogged or have air trapped in it.
- **Sweet Odor Inside Cabin:** A distinct sweet smell, similar to maple syrup, often indicates a coolant leak from the heater core into the cabin.
- **Foggy Windows:** Coolant leaking from the heater core can evaporate and condense on the inside of the windshield and windows, causing them to fog up.
- **Coolant Leaks:** Visible puddles of coolant on the passenger side floorboard are a strong indicator of a leaking heater core.
- **Engine Overheating:** While less common, a severely clogged heater core can restrict coolant flow, potentially contributing to engine overheating.

If you observe any of these symptoms, it is advisable to have your vehicle inspected by a qualified technician.

8. Warranty and Legal Information

This KarParts360 heater core is a premium aftermarket replacement product. It is designed to be an exact fit to original equipment manufacturer (OEM) specifications. All items are DOT and SAE certified, constructed with high-quality material to ensure structural strength and integrity.

8.1. Legal Disclaimer

This product is a direct replacement aftermarket product. It is not OEM and is neither manufactured nor sold by the vehicle manufacturer listed. We are not affiliated with the vehicle manufacturer.

8.2. Support

For further assistance or inquiries regarding this product, please refer to the KarParts360 official website or contact their customer support channels. Always provide your product model number (CLX-M0-USA-REPH503002-CL360A72) and OEM part number (79110S84A01) when seeking support.