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BIG TIGER PARTS 91895-F2030

BIG TIGER PARTS Genuine OEM 91895-F2030 Wiring Harness Instruction Manual

For Hyundai Elantra / Avante (2019-)

1. INTRODUCTION

This manual provides detailed instructions for the proper installation, operation, and maintenance of the BIG TIGER PARTS Genuine OEM 91895-F2030 Wiring Harness. This component is designed as a direct replacement part for Hyundai Elantra and Avante models manufactured from 2019 onwards, specifically for the Rear Parking Assist System (RPAS).

Ensuring correct installation is crucial for the optimal performance and longevity of the wiring harness and associated vehicle systems. Please read this manual thoroughly before proceeding with installation.



Image: The BIG TIGER PARTS Genuine OEM 91895-F2030 Wiring Harness. This image displays the complete wiring harness with its various connectors and cable lengths, designed for specific automotive applications.

2. SAFETY INFORMATION

Always prioritize safety when working with automotive electrical systems. Failure to follow these safety guidelines may result in personal injury, damage to the vehicle, or damage to the product.

- **Disconnect Battery:** Always disconnect the vehicle's negative battery terminal before beginning any electrical work to prevent accidental short circuits or electrical shock.
- **Professional Installation Recommended:** If you are not experienced with automotive electrical systems, it is highly recommended to seek installation by a qualified professional technician.

- **Wear Protective Gear:** Use appropriate personal protective equipment, including safety glasses and gloves.
- **Inspect Components:** Before installation, carefully inspect the wiring harness for any signs of damage, such as frayed wires, cracked insulation, or bent pins. Do not install damaged components.
- **Follow Vehicle Manufacturer Guidelines:** Adhere to all specific installation and safety procedures outlined in your vehicle's service manual.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before proceeding with installation.

- 1 x Genuine OEM 91895-F2030 Wiring Harness
- (No additional accessories are typically included with this specific OEM part unless specified by the manufacturer.)

4. SETUP & INSTALLATION

This wiring harness is a direct OEM replacement. Installation typically involves removing the old harness and connecting the new one in its place. Specific steps may vary slightly depending on the exact vehicle trim and configuration.

1. **Prepare Vehicle:** Park the vehicle on a level surface, engage the parking brake, and ensure the engine is off. Disconnect the negative terminal of the vehicle's battery.
2. **Access Area:** Locate the existing wiring harness that needs replacement. This may require removing interior trim panels, bumper components, or other obstructions to gain access to the RPAS wiring. Refer to your vehicle's service manual for precise access procedures.
3. **Disconnect Old Harness:** Carefully disconnect all connectors from the old wiring harness. Pay attention to the routing and attachment points of the harness to ensure the new one is installed identically.
4. **Remove Old Harness:** Detach the old harness from any clips, ties, or mounting points within the vehicle.
5. **Install New Harness:** Route the new 91895-F2030 wiring harness in the exact path of the old one. Secure it using existing clips and mounting points to prevent chafing or interference with moving parts.
6. **Connect New Harness:** Connect all corresponding connectors from the new harness to their respective sensors, modules, and vehicle wiring. Ensure each connection is secure and fully seated.
7. **Verify Connections:** Double-check all connections to ensure they are correct and tight.
8. **Reassemble:** Reinstall any removed trim panels or components.
9. **Reconnect Battery:** Reconnect the negative battery terminal.
10. **Test System:** Start the vehicle and test the Rear Parking Assist System (RPAS) to confirm proper functionality.

5. OPERATION

The 91895-F2030 Wiring Harness is a passive component that facilitates the electrical connection for the Rear Parking Assist System (RPAS). Once correctly installed, it enables the RPAS sensors to communicate with the vehicle's control unit, allowing the system to function as designed by the vehicle manufacturer. There are no user-operable controls directly on the harness itself.

6. MAINTENANCE

The wiring harness is designed for long-term durability. Regular maintenance is minimal but can help ensure

continued reliable performance.

- **Periodic Inspection:** During routine vehicle maintenance, visually inspect the accessible portions of the harness for any signs of wear, chafing, cuts, or corrosion on the connectors.
- **Keep Connections Clean:** If any connectors are exposed to the elements, ensure they are free from dirt, moisture, and corrosion. Use a dielectric grease on exposed connections if recommended by the vehicle manufacturer.
- **Avoid Stress:** Ensure the harness is not subjected to excessive pulling, bending, or crushing forces that could damage the internal wires or insulation.

7. TROUBLESHOOTING

If the Rear Parking Assist System (RPAS) is not functioning correctly after installation, consider the following troubleshooting steps:

Problem	Possible Cause	Solution
RPAS not working after installation.	Loose or incorrect connections.	Re-check all harness connections to ensure they are fully seated and correctly matched.
RPAS warning light on dashboard.	Faulty sensor or module (not harness).	While the harness provides connectivity, a warning light often indicates an issue with a sensor or the RPAS control module. Consult a diagnostic tool or professional.
Intermittent RPAS function.	Damaged wiring or corroded connector.	Inspect the harness for any visible damage or corrosion. Ensure proper routing to prevent future damage.
No power to RPAS components.	Blown fuse or battery not reconnected.	Check the relevant fuse in the vehicle's fuse box. Ensure the vehicle battery is properly reconnected.

If troubleshooting steps do not resolve the issue, it is recommended to consult a certified automotive technician.

8. SPECIFICATIONS

Attribute	Detail
Part Number	91895-F2030 (OEM)
Manufacturer	BIG TIGER PARTS
Compatibility	Hyundai Elantra / Avante (2019-)
Item Weight	3.52 pounds
Type	Wiring Harness (RPAS)

9. WARRANTY INFORMATION

As a Genuine OEM Factory Part, this product is typically covered by the manufacturer's standard warranty for original equipment parts. Warranty terms and conditions may vary. Please retain your proof of purchase. For specific warranty details, please refer to the BIG TIGER PARTS official website or contact their customer support directly.

10. CUSTOMER SUPPORT

For technical assistance, installation queries, or warranty claims, please contact BIG TIGER PARTS customer support through their official channels. When contacting support, please have your product model number (91895-F2030) and proof of purchase readily available.

Manufacturer: BIG TIGER PARTS

Website: [Visit BIG TIGER PARTS Store on Amazon](#)

(Specific contact details like phone numbers or email addresses are not provided in the product data. Please refer to the manufacturer's official website for the most current contact information.)