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AEDNX TEKA86263-C96057-BX

AEDNX Parking Brake Cable User Manual

Model: TEKA86263-C96057-BX

1. Introduction

This manual provides essential information for the installation, operation, and maintenance of the AEDNX Parking Brake Cable. This product is designed as a replacement rear right passenger side parking brake cable for specific Ford and Mazda truck models. Please read this manual thoroughly before proceeding with installation or use.



Figure 1: The AEDNX Parking Brake Cable, shown coiled for packaging.

2. Compatibility

This parking brake cable is compatible with the following vehicle models:

- **For Ford Ranger:** 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002
- **For Mazda B2500:** 1998, 1999, 2000
- **For Mazda B2300:** 1994, 2004, 2005
- **For Mazda B3000:** 1994, 1998, 2003, 2004, 2005
- **For Mazda B4000:** 1994, 1998, 1999, 2000, 2004, 2005

This cable is designed for the **Rear Right Passenger Side** position.

3. Parts List

The package includes the following components:

- 1 x AEDNX Parking Brake Cable (Model: TEKA86263-C96057-BX)

Refer to the following part numbers for cross-reference:

- ZZP1-44-410
- F37Z-2A635-C
- ZZP144410
- C96057-BX
- F77Z-2A635
- ZZR1-44-410
- ZZM14
- ZZM1-44-410
- ZZM144410
- F77Z2A635NA
- F37Z2A635C
- ZZR144410

4. Setup and Installation

Installation of a parking brake cable requires mechanical knowledge and appropriate tools. If you are not confident in your ability to perform this installation, it is recommended to seek professional assistance.

4.1 Safety Precautions

- Ensure the vehicle is parked on a level surface and properly supported with jack stands.
- Disconnect the vehicle's battery to prevent accidental electrical activation.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Allow the vehicle's exhaust system and other hot components to cool down before beginning work.

4.2 Installation Steps (General Guide)

These steps are a general guide. Always refer to your vehicle's specific service manual for detailed instructions and torque specifications.

1. **Prepare the Vehicle:** Lift the rear of the vehicle and secure it on jack stands. Remove the rear wheels.
2. **Locate the Old Cable:** Identify the existing parking brake cable on the rear right passenger side.
3. **Disconnect the Old Cable:** Disconnect the cable from the parking brake lever assembly inside the cabin (if applicable), from any intermediate connectors, and from the brake mechanism at the wheel.
4. **Remove the Old Cable:** Carefully unroute the old cable from its mounting clips and guides along the vehicle's undercarriage.
5. **Install the New Cable:** Route the new AEDNX parking brake cable along the same path as the old one, securing it with existing clips and guides.
6. **Connect the New Cable:** Connect the new cable to the brake mechanism at the wheel and to the parking brake lever assembly or intermediate connectors.
7. **Adjust the Cable:** Adjust the tension of the parking brake cable according to your vehicle's service manual specifications. This typically involves adjusting a nut at the equalizer or lever.
8. **Test the Parking Brake:** With the vehicle still on jack stands, engage and disengage the parking brake several times to ensure proper operation. Verify that the wheels lock when engaged and spin freely when disengaged.
9. **Reassemble:** Reinstall the rear wheels and lower the vehicle.



Figure 2: Detail of one end of the parking brake cable, showing the spring and connection point.



Figure 3: Detail of the other end of the parking brake cable, featuring a threaded fitting for secure attachment.

5. Operating the Parking Brake

Once the new parking brake cable is installed and properly adjusted, the operation of your vehicle's parking brake system will return to its intended functionality. The parking brake is typically engaged by pulling a lever or pressing a pedal inside the vehicle cabin. To disengage, release the lever or pedal as per your vehicle's design.
A properly functioning parking brake is crucial for vehicle safety, especially when parking on inclines or performing maintenance.

6. Maintenance

Regular inspection of the parking brake cable is recommended as part of routine vehicle maintenance. Check for the following:

- **Corrosion:** Inspect the cable housing and ends for signs of rust or corrosion, especially in areas exposed to road salt or moisture.

- **Fraying or Damage:** Look for any signs of fraying, kinks, or physical damage to the cable or its housing.
- **Proper Routing:** Ensure the cable remains securely routed through all clips and guides, preventing rubbing or snagging.
- **Tension:** Verify that the parking brake engages firmly and holds the vehicle, and that it fully releases when disengaged. Adjust tension if necessary, referring to your vehicle's service manual.

Lubrication of the cable ends and pivot points with appropriate grease can help ensure smooth operation and extend the life of the component.

7. Troubleshooting

If you experience issues with your parking brake after installation, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Parking brake does not hold vehicle.	Cable not properly adjusted; worn brake shoes/pads; seized brake components.	Adjust cable tension. Inspect and replace brake components if necessary.
Parking brake lever/pedal feels loose or travels too far.	Cable stretched or improperly adjusted.	Adjust cable tension. If cable is stretched, replacement may be required.
Parking brake does not release fully.	Cable binding or seized; brake components seized.	Inspect cable routing for kinks or obstructions. Lubricate cable ends. Inspect and free seized brake components.
Squealing or grinding noise when engaging/disengaging.	Brake components require lubrication or replacement.	Inspect brake shoes/pads and hardware. Lubricate contact points.

If troubleshooting steps do not resolve the issue, consult a qualified automotive technician.

8. Specifications

Attribute	Detail
Brand	AEDNX
Model Number	TEKA86263-C96057-BX
Part Type	Parking Brake Cable
Position	Rear Right Passenger Side
Overall Length	81-7/64 inches
Manufacturer Part Numbers	ZZP1-44-410, F37Z-2A635-C, ZZP144410, C96057-BX, F77Z-2A635, ZZR1-44-410, ZZM14, ZZM1-44-410, ZZM144410, F77Z2A635NA, F37Z2A635C, ZZR144410



Figure 4: The complete AEDNX Parking Brake Cable, showing both connection ends.

9. Warranty and Support

Specific warranty information for this AEDNX product is not provided in this manual. For details regarding warranty coverage, claims, or technical support, please contact the manufacturer directly or refer to the product listing where you purchased the item.

For general inquiries or assistance, you may visit the AEDNX brand page or contact their customer service department.

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