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> APDTY 141563 Gearshift Control Cable Assembly Instruction Manual for Jeep Wrangler

APDTY 141563

APDTY 141563 Gearshift Control Cable Assembly Instruction Manual

For 2007-2010 Jeep Wrangler with Automatic Transmission

1. PRODUCT OVERVIEW

This manual provides essential information for the APDTY 141563 Gearshift Control Cable Assembly. This component is designed to replace a frayed or broken shifter cable, restoring the ability to shift gears in compatible vehicles. It is a direct replacement for OEM part numbers 52060164AD, 52060164AB, and 52060164AC.

2. PRODUCT COMPONENTS

The APDTY 141563 Gearshift Control Cable Assembly includes the main cable, housing, and end fittings necessary for connection to the gear selector and transmission.



Figure 2.1: APDTY 141563 Gearshift Control Cable Assembly. This image displays the complete gearshift control cable assembly, including the main cable, protective housing, and the various connection points and fittings at each end, designed for vehicle installation.

3. COMPATIBILITY

This gearshift control cable assembly is compatible with the following vehicle models:

- **Make:** Jeep
- **Model:** Wrangler
- **Years:** 2007, 2008, 2009, 2010
- **Transmission Type:** Automatic Transmission

It replaces OEM part numbers: 52060164AD, 52060164AB, 52060164AC.

4. INSTALLATION GUIDELINES

Installation of a gearshift control cable assembly typically requires specialized tools and automotive knowledge. It is recommended that installation be performed by a qualified technician. The following steps are general guidelines:

1. **Preparation:** Ensure the vehicle is safely supported and the transmission is in Park. Disconnect the battery.
2. **Access:** Locate the existing gearshift cable connections at both the shifter mechanism inside the vehicle and the transmission. This may require removing interior trim panels and accessing the underside of the vehicle.
3. **Removal:** Carefully disconnect the old cable from both ends and unroute it from its path, noting its routing for reinstallation.
4. **Installation of New Cable:** Route the new APDTY 141563 cable in the same manner as the original. Connect one end to the shifter mechanism and the other to the transmission. Ensure all clips and fasteners are securely engaged.
5. **Adjustment:** Adjust the cable according to vehicle-specific service manual procedures to ensure proper gear engagement and prevent binding.
6. **Testing:** Reconnect the battery and test the shifter operation through all gear positions (Park, Reverse, Neutral, Drive, Low gears) to confirm correct function before driving.

Warning: Improper installation can lead to unsafe vehicle operation. Consult a professional if you are unsure about any step.

5. OPERATION

Once correctly installed, the APDTY 141563 Gearshift Control Cable Assembly facilitates the smooth and precise selection of transmission gears. The operation of the gearshift lever will directly translate to the corresponding gear engagement in the automatic transmission.

- Ensure the vehicle is stationary and the brake pedal is depressed when shifting from Park or Neutral into a drive or reverse gear.
- Always confirm the selected gear matches the indicator on the dashboard or shifter console.
- Avoid forcing the shifter if it feels stiff; this may indicate an issue with the cable adjustment or other transmission components.

6. MAINTENANCE

The APDTY 141563 Gearshift Control Cable Assembly is designed for durability and typically requires minimal maintenance after proper installation. However, periodic inspection is recommended:

- **Visual Inspection:** Periodically inspect the visible portions of the cable and its connections for signs of wear, fraying, kinks, or damage. Check for secure attachment at both ends.
- **Lubrication:** While the cable is designed to be self-lubricating within its housing, ensure that the end fittings and pivot points are free of excessive dirt and corrosion. Light lubrication with a suitable

automotive grease may be applied to exposed pivot points if necessary, following vehicle manufacturer recommendations.

- **Functionality Check:** If you notice any stiffness, looseness, or difficulty in shifting gears, have the cable and associated components inspected by a qualified technician.

7. TROUBLESHOOTING

If you experience issues with gear shifting after installation, consider the following common troubleshooting points:

Symptom	Possible Cause	Solution
Difficulty shifting gears	Incorrect cable adjustment, binding cable, damaged shifter mechanism.	Verify cable adjustment. Inspect cable for kinks or damage. Check shifter mechanism for proper function.
Shifter feels loose or sloppy	Loose cable connections, worn bushings at cable ends.	Ensure all cable connections are secure. Inspect bushings for wear and replace if necessary.
Vehicle does not engage selected gear	Severely misadjusted cable, broken cable, internal transmission issue.	Re-check cable adjustment. Inspect cable for breakage. If cable is intact and adjusted correctly, consult a transmission specialist.

If these steps do not resolve the issue, it is recommended to seek assistance from a certified automotive technician.

8. SPECIFICATIONS

- **Part Number:** APDTY 141563
- **Replaces OEM Part Numbers:** 52060164AD, 52060164AB, 52060164AC
- **Cable Length:** 1150 mm
- **Cable Diameter:** 6.5 mm
- **Item Weight:** Approximately 10.1 ounces (0.28 kg)
- **Product Dimensions:** Approximately 26.77 x 15.75 x 2.16 inches (68 x 40 x 5.5 cm)
- **Application:** 2007-2010 Jeep Wrangler with Automatic Transmission

9. SAFETY INFORMATION

⚠ California Proposition 65 WARNING:

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Always wear appropriate personal protective equipment (PPE) when handling automotive parts, including gloves and eye protection.

10. CUSTOMER SUPPORT

For further assistance or technical inquiries regarding the APDTY 141563 Gearshift Control Cable Assembly, please contact APDTY customer service through their official channels or the retailer from whom the product was purchased.

For general automotive repair advice, consult a certified mechanic or refer to your vehicle's official service manual.