



NISSAN MOTOR CORPORATION IN U.S.A.

T6-13 31

Post Office Box 191
Gardena, California 90247-7638
Telephone: (213) 532-3111

SERVICE BULLETIN

Classification: EL89-012	Section: Electrical System	Models: 1970-83 240Z, 260Z, 280Z, 280ZX
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Antenna - Installation of Power Antenna: Overview

MANUALLY OPERATED POWER ANTENNA INSTALLATION

APPLIED MODELS: 1979-83 280ZX (S130)

1975-78 280Z (S30)

1974 260Z (S30)

1970-73 240Z (S30)

SERVICE INFORMATION

This bulletin describes the power antenna installation procedures for the applied models listed above. Please make these instructions available to customers who purchase a replacement antenna and choose to install it themselves.

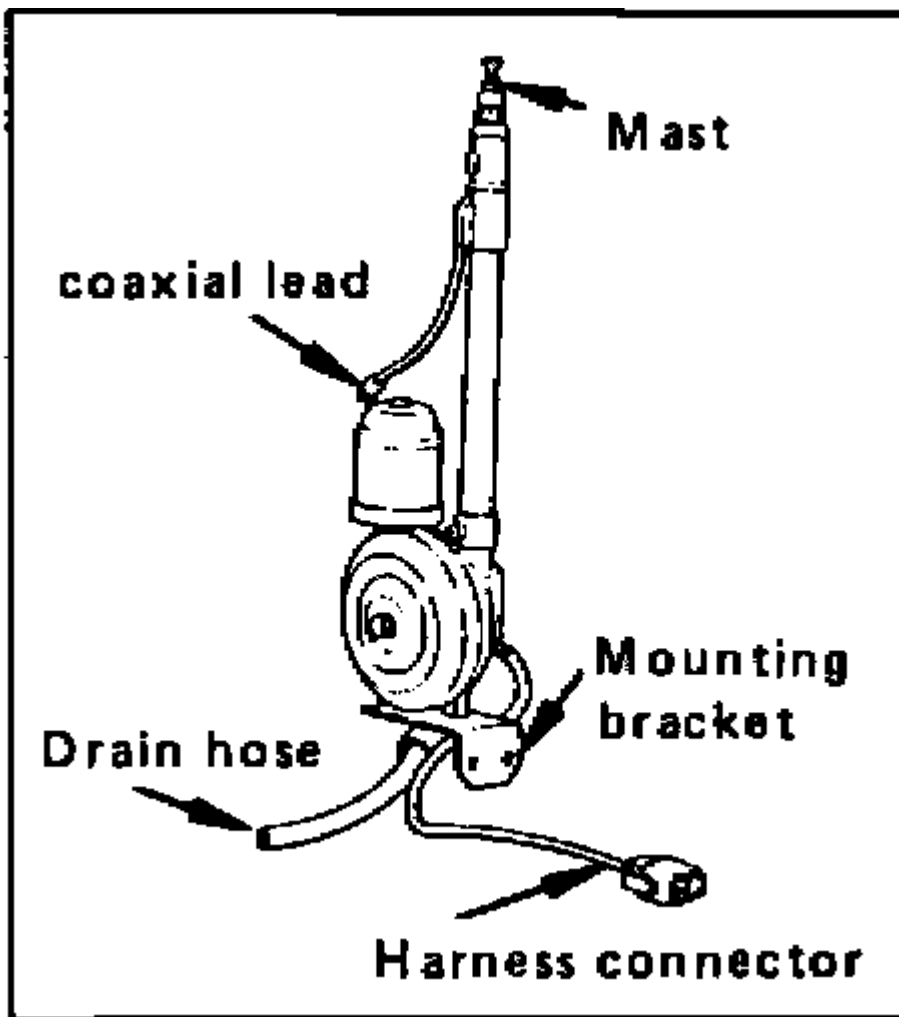
PARTS INFORMATION

The replacement parts necessary to complete the installation on each model are listed following the installation procedures.

Service Procedure 280ZX

Original Assembly Removal

1. Remove rear end panel finisher.
2. Remove rear end panel finisher support.
3. Pull up left side of the rear floor mat and pad.
4. Remove the two lower screws retaining the left rear side finisher.
5. Remove the left rear side finisher. (The 2+2 has a cargo light which must be disconnected first.)



6. Remove the antenna mounting screws at the base of the antenna assembly housing.
7. Remove the antenna mast retaining nut and bezel -- these are located at the base of the antenna mast.
8. Disconnect the electrical leads, drain hose, and antenna coaxial cable.
9. With the antenna mast in the retracted position, remove the assembly from the vehicle.
(If the antenna mast is stuck in the raised position, cut it off at the base.)

Installation

1. Install the antenna assembly in the same position as the original unit and finger tighten the mounting screws.
2. Install the mast bezel and fully tighten the retaining nut.
3. Fully tighten the antenna assembly mounting screws.
4. Connect antenna motor electrical harness to the vehicle harness.

NOTE: A sub-harness is provided with the replacement antenna. If the vehicle harness has a three terminal molded connector, the sub-harness is not necessary -- simply unplug it from the replacement antenna and discard. If the vehicle does not have a three terminal molded connector, the sub-harness is necessary to match the antenna wiring to the vehicle harness.

5. Connect the antenna coaxial cable.
6. Secure the rubber drain hose to the base of the antenna assembly housing and thread the other end through the rubber body grommet.
7. Check power antenna for proper operation using the switch on the radio.
8. Reinstall left rear side finisher.

NOTE: Be sure to connect the cargo light before securing the finisher (2+2).
9. Reinstall rear end panel finisher and support as removed.
10. Secure rear carpet and padding.

Service Procedure 240, 260, 280Z

Original Assembly Removal

1. Pull up left side of rear floor mat.
2. Remove the left rear side finisher to access the antenna assembly mounting screws.

NOTE: Depending on the year and model (2+2 or 2-seater), it may be necessary to remove the rear end panel finisher, left rear luggage strap anchor, and/or hatch support rod to remove the rear side finisher.
3. Remove left rear floor panel (fiber board).
6. Remove the antenna assembly mounting screws.
7. Remove the mast nut and bezel -- these are located at the base of the antenna mast.
8. Disconnect antenna electrical leads, drain hose and coaxial cable.
9. With the antenna in the retracted position, remove the assembly from the vehicle.
(If the antenna mast is stuck in the raised position, cut it off at the base.)
10. Remove the mounting bracket from the base of the antenna assembly.

Installation

NOTE: The replacement antenna kit contains two universal-fit mounting brackets. These brackets should only be used if the original equipment bracket was damaged or missing when the original antenna was removed. Using the original mounting bracket will ensure proper positioning of the replacement antenna.

1. Install the original mounting bracket onto the replacement antenna.
2. Install the antenna assembly at the same position as the original unit and finger tighten the mounting screws.

3. Install the mast bezel and fully tighten the retaining nut.
4. Fully tighten the antenna assembly mounting screws.
5. Connect antenna motor electrical harness to the vehicle harness.

NOTE: A sub-harness is provided with the replacement antenna. If the vehicle harness has a three terminal molded connector, the sub-harness is not necessary -- simply unplug it from the replacement antenna and discard. If the vehicle does not have a three terminal molded connector, the sub-harness will be necessary to match the antenna wiring to the vehicle harness.

6. Connect the antenna coaxial cable.
7. Secure the rubber drain hose to the base of the antenna motor housing and thread the other end through the rubber body grommet.
8. Check power antenna for proper operation using switch on radio.
9. Reinstall left rear side finisher.
10. Reinstall rear end panel finisher and support as removed (if applicable).
11. Reinstall luggage strap anchor and hatch support rod (if applicable).
12. Secure rear carpet and padding.

Parts Information

PART DESCRIPTION	MODEL	PART NUMBER
Automatic Antenna Kit	1970-78 240, 260, 280Z	B8200-Z0025
Automatic Antenna Kit	1979-81 280ZX (manual tune)	B8200-Z0026
Automatic Antenna Kit	*1981-83 280ZX 'GL' (electronic tune)	27960-P9700

* This antenna is automatically controlled by the radio ON/OFF switch.