

SERVICE BULLETIN

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NEW A/C CONNECTION O-RINGS

APPLIED VEHICLES: All Nissan (except Quest)

SERVICE INFORMATION

This service bulletin identifies differences in A/C O-rings as they apply to the NEW and FORMER type A/C connections.

The NEW type connection has a groove in the tube end in which the O-ring is seated. The FORMER type connection does not have a groove but instead has an inflated portion on the tube end to support the O-ring. Refer to Figure 1 for illustrations identifying each connection type.

When servicing the A/C refrigeration loop, refer to the charts (Figure 2 and 3) to identify the correct O-ring type. The charts list both NEW and FORMER O-ring types and illustrates the O-rings in full-scale size.

IMPORTANT POINTS

- There is **NO** interchangeability between the NEW and FORMER connection type O-rings. Improper use will cause refrigerant leaks, therefore, the correct type O-ring must be used with each application.
- Each Nissan vehicle requiring A/C O-ring replacement should be checked for proper O-ring part numbers through the applicable parts microfiche.
- Insure correct O-ring installation onto tube (see Figure 1).

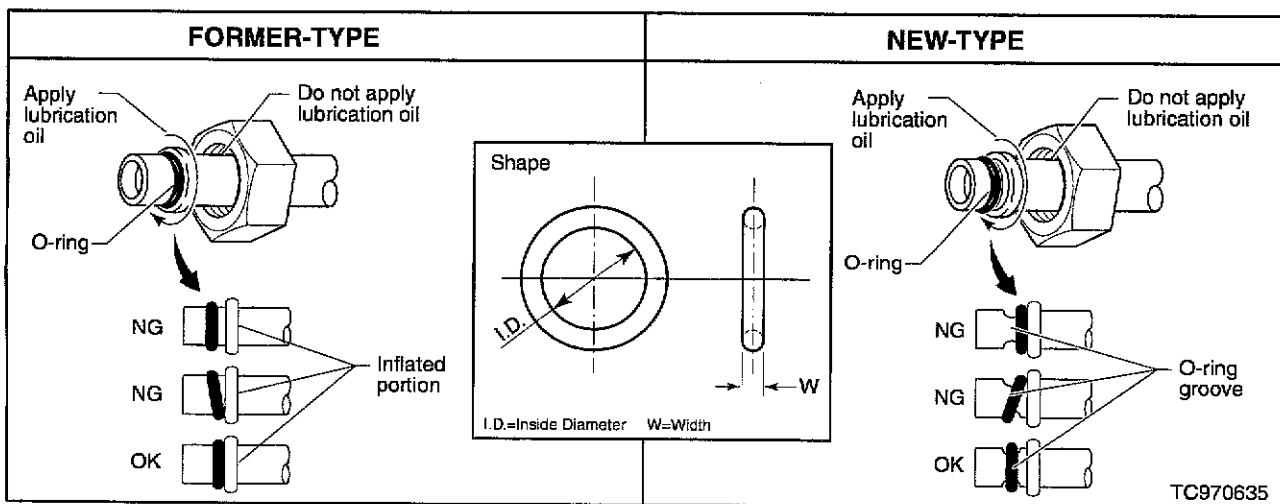













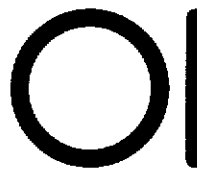


Figure 1

| FORMER-TYPE | | | NEW-TYPE | |
|-------------|--|--|--|---|
| DIA. | PART NUMBER | SHAPE | SHAPE | PART NUMBER |
| 6 mm | 92472 N8200 (CALSONIC: A9510 69200) |  I.D.: 4.5 mm W: 1.40 mm | N/A | |
| | 92470 N8200 (CALSONIC: A9520 69200) |  I.D.: 6.07 mm W: 1.78 mm | | |
| 8 mm | 92470 N8210 (CALSONIC: 88000 69200) |  I.D.: 6.07 mm W: 1.85 mm |  I.D.: 6.8 mm W: 1.87 mm | 92471 N8210 (CALSONIC: A9520 69220) |
| | 92474 N8200 (CALSONIC: A9530 69200) |  I.D.: 7.5 mm W: 1.78 mm | | |
| 10 mm | 92471 N8200 (CALSONIC: A9540 69200) |  I.D.: 10.8 mm W: 1.78 mm | N/A | |
| 12 mm | 92475 W1000 (CALSONIC: A9540 69210) |  I.D.: 10.7 mm W: 2.3 mm | | |
| | 92475 71L00 (CALSONIC: A9540 69215) |  I.D.: 11.0 mm W: 2.4 mm | | |

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Figure 2

| FORMER-TYPE | | | NEW-TYPE | |
|-------------|--|---|---|---|
| DIA. | PART NUMBER | SHAPE | SHAPE | PART NUMBER |
| 16 mm | 92473 N8200 (CALSONIC: A9550 69200) |  I.D.: 13.9 mm W: 1.78 mm |  I.D.: 13.6 mm W: 2.43 mm | 92473 N8210 (CALSONIC: A9550 69220) |
| | 92475 W2100 (CALSONIC: A9550 69210) |  I.D.: 14.8 mm W: 2.4 mm | | |
| | 92475 72L00 (CALSONIC: A9550 69215) |  I.D.: 14.3 mm W: 2.3 mm | | |
| 19 mm | 92477 N8200 (CALSONIC: A9560 69200) |  I.D.: 17.12 mm W: 1.78 mm |  I.D.: 16.5 mm W: 2.43 mm | 92474 N8210 (CALSONIC: A9560 69220) |

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Figure 3

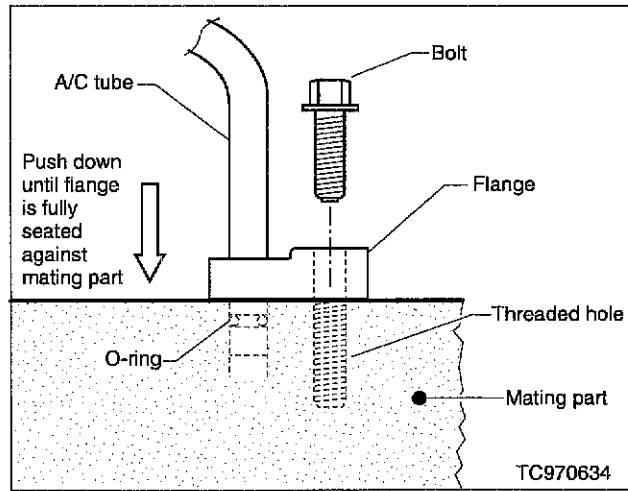


Figure 4

CAUTION: When installing high pressure tubes (with flange connections) to their mating parts, make sure the flange is fully seated onto the mating part before the securing bolt is installed and tightened (see Figure 4). If the securing bolt is installed and tightened before the tube flange is seated onto its mating part, O-ring damage and leaks can result.