



SERVICE BULLETIN

Classification: WT04-003	Reference: NTB04-043	Date: April 12, 2004
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2003 350Z FRONT WHEEL ALIGNMENT WARRANTY EXTENSION

APPLIED VEHICLE: All 2003 350Z (Z33)

NOTE: The warranty for front wheel alignment is extended to 24 months (from original in-service date) with no mileage limit. Rear wheel alignment is NOT affected.

SERVICE INFORMATION

IF YOU CONFIRM:

An applied vehicle has excessive front tire “roar” or “growl” noise under the following conditions:

- When braking moderately
- At speeds below 30 mph
- On smooth road surfaces

ACTIONS:

Look at the **Vehicle Equipment Chart** (page 2) to find out what action(s) you need to take.

- If needed, perform the **Front Tire Inspection Procedure** (page 8).
- Depending on the **Front Tire Inspection** results, you may either rotate the front tires or replace them.

NOTE: There is a time/mileage cutoff and a pro-rate schedule for tire replacement (see page 5 for details).

- If needed, perform the **Front End Alignment Check Procedure** (page 18). Adjust if needed.

IMPORTANT: The purpose of **ACTIONS** (above) is to give you a quick idea of the work you will be performing. You **MUST** closely follow the entire Service Procedure as it contains information that is essential to successfully completing this repair.

Nissan Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. NOTE: If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Nissan dealer to determine if this applies to your vehicle.

VEHICLE EQUIPMENT CHART

CONDITION	VEHICLE EQUIPMENT	ACTION
A	Vehicle has: <ul style="list-style-type: none"> ● OEM* or genuine Nissan chrome or NISMO accessory 350Z wheels ● OEM tires 	If front tire noise does exist, do the following: <ul style="list-style-type: none"> ● Perform the Front Tire Inspection Procedure (page 8). ● <u>If needed</u>, perform the Front Tire Rotation Procedure (page 12) <u>OR</u>, ● <u>If needed</u>, perform the Front Tire Replacement Procedure (page 15). ● Perform the Front End Alignment Check Procedure (page 18). <p>NOTE: Refer to the next page for a Repair Flow Chart that details the above steps.</p>
B	Vehicle has: <ul style="list-style-type: none"> ● OEM or genuine Nissan chrome or NISMO accessory 350Z wheels ● Aftermarket tires (OEM size) 	If front tire noise does exist, do the following: <ul style="list-style-type: none"> ● Perform the Front End Alignment Check Procedure (page 18). ● No further action is needed.
C	Vehicle has: <ul style="list-style-type: none"> ● OEM or genuine Nissan chrome or NISMO accessory 350Z wheels ● Aftermarket tires (non-OEM size) 	If front tire noise does exist, do the following: <ul style="list-style-type: none"> ● Customer must install OEM size tires before alignment check.
D	Vehicle has: <ul style="list-style-type: none"> ● Aftermarket wheels (any size) 	<ul style="list-style-type: none"> ● Customer must return the vehicle back to OEM condition before alignment check.

* Original Equipment Manufacturer / Factory Installed

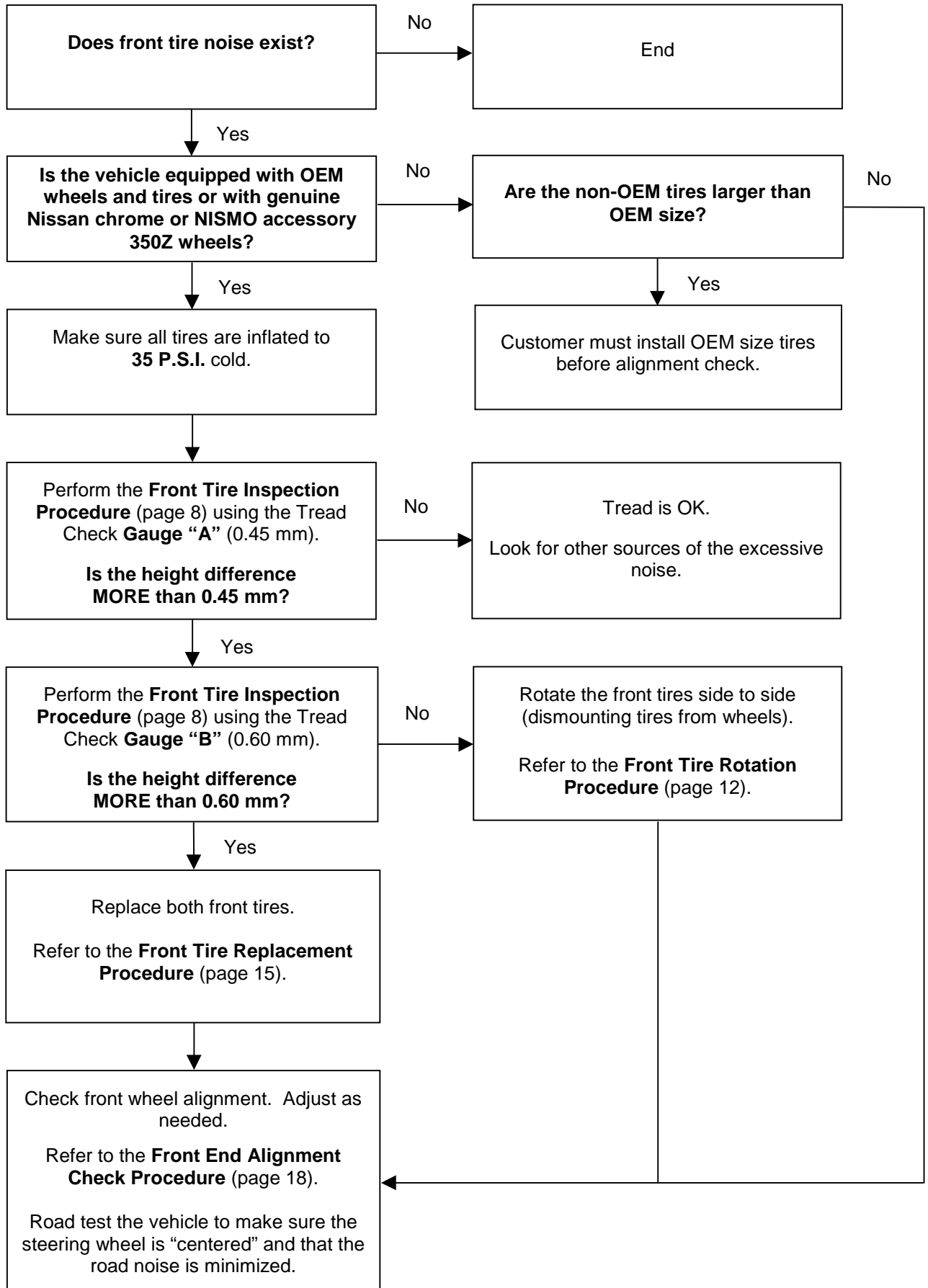
NOTE: If the vehicle is equipped with an aftermarket suspension system, other than the NISMO “S” Tune system, the customer must return the vehicle back to OEM condition before the alignment check.

SPECIAL CUSTOMER ASSISTANCE FEATURES

On some vehicles affected by this warranty extension, the original equipment front tires may have been replaced due to front tire noise or irregular wear on the inside portion of the front tires. If this is the case, please inform the customer that they may be eligible for reimbursement of these expenses and, if applicable, provide the customer with a copy of the Owner Letter and the “Checklist for Reimbursement of Prior Front Tire Replacement” (see page 21).

If the front tires were replaced at your dealership, please provide a copy of the related repair order/invoice, if available, to the customer. If the repair was completed at a location other than your dealership, please inform the customer that they will need to provide proof of the repair and proof of payment when they contact Nissan Consumer Affairs.

Repair Flow Chart



WARRANTY EXTENSION DETAILS:

The warranty parameters applicable to the Section “WD” toe-in adjust Op Code “WD40AA” will be extended from the normal 12 months / 12,000 miles “Adjustment” coverage to 24 months/unlimited miles for the applied vehicles.

CLAIMS INFORMATION:

If inspection of the OEM wheels/tires indicates that the vehicle should have the front tires switched from side-to-side and then the toe-in is reset or if inspection of the OEM wheels/tires indicates that the vehicle should have the front tires replaced and then the toe-in is reset:

Submit a “PP” line claim using the following claims information:

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
R&R One Wheel/Tire (1)	48640-AL585	PW10AA	ZL	44	0.5 hr
Combination: R&R One Additional Wheel/Tire (1)		PW101A			0.3 hr
Inspect OEM Tires using Gauges		PX17AA			0.3 hr

AND

On the same work order of the wheel/tire replacement (coding given above) but on a different line, submit a “PO” line claim using the following claims information:

DESCRIPTION	OP CODE	SYM	DIA	FRT
Adjust toe-in (2) (3) (4)	WD40AA	ZL	44	0.5 hr

- (1) Both front tires must be exchanged side-to-side or replaced as a pair.
- (2) A copy of the alignment machine printout showing BEFORE and AFTER alignment data MUST be attached to any repair order for alignment. Failure to attach this information may result in a debit of the claim. This information should be kept in the vehicle service history file.
- (3) If your dealership sublets the alignment, you must obtain a copy of the alignment machine printout showing BEFORE and AFTER alignment data from the sublet facility that actually performs the alignment. This printout MUST be attached to any repair order for alignment. Failure to attach this information may result in a debit of the claim. This information should be kept in the vehicle service history file.
- (4) A copy of the alignment machine calibration record showing when the alignment machine used was last serviced and calibrated must also be attached to the work order. Reference Nissan Claims Bulletin WB/04-004 for mandatory requirements regarding alignment table calibration requirements.

Tire Replacement Pro-Rate Schedule

Using the following pro-rate mileage schedule for the set of tires CURRENTLY ON THE APPLIED VEHICLE (see NOTE A, below) within the 24 month coverage period, determine the amount of customer participation, if any, in the purchase price of the tire. This includes shipping, exclusive of any charges for mount and balance (see NOTE B, below).

TIRE MILEAGE:	CUSTOMER PAYS: (see NOTE C, next page)
1 – 21,000	0%
21,001 - 22,000	10%
22,001 - 23,000	20%
23,001 - 24,000	30%
24,001 - 25,000	40%
25,001 - 26,000	50%
26,001 – 27,000	60%
27,001 – 28,000	70%
28,001 – 29,000	80%
29,001 – 30,000	90%
30,001 and over	100%

After determining the total cost of the tires, including special shipping charges, if any, excluding any charges for mount and balance (see NOTE B, below), and minus the customer-pay percentage, submit for reimbursement (see NOTE D, next page) using **Parts Category Code “775”**, as follows:

- Enter the Part Category “775” to charge the sum of the calculated net cost of the 2 tires, plus shipping in the “Parts” portion of the claim.
- Enter the quantity of “2” in the “PART QTY” column.
- Enter the dollar amount for the net sum cost of the tires, plus shipping in the “AMT1” column with “FW” as the detail coverage code.
- Enter the customer-pay dollar amount in the “AMT2” column with “CP” as the detail coverage code.

NOTES (For Tire Replacement Pro-Rate Schedule):

- A. If the tires on the vehicle are the second or more set of tires, the customer MUST provide evidence showing the date/mileage as to when the tires were installed on the vehicle. Copies of this evidence MUST be retained in the vehicle file for future reference. Failure to retain this evidence may result in all or part of the claim being charged-back to the dealership.
- B. FRT for mount & balance is included in PW10AA & PW101A.

- C. This is defined as the percentage of the cost of the new set of tires, including any special shipping, exclusive of any mount & balance charges (see NOTE B, above). For example, if the tires on the vehicle are determined to have been driven for 25,250 miles, and the total cost for the two tires is \$100.00, then the customer would pay \$50.00 and the dealer would claim \$50.00 based on the above pro-rate schedule.
- D. Tire reimbursement costs MUST be supported by invoices retained in the vehicle file at the dealership.

ADDITIONAL ALIGNMENT NOTES:

Alignment Machine Printout

- A copy of the Alignment Machine Printout showing BEFORE and AFTER alignment readings MUST be attached to the Repair Order (for alignment).
- Failure to attach this information may result in debit of the Claim.
- This information should be kept in the vehicle's service history file.

Alignment Performed by Sublet Facility

- If your dealership cannot align the 350Z and the alignment is sent out to a sublet facility, the sublet facility must follow the procedures outlined in this bulletin.
- You must obtain a printed copy of the Alignment Machine Printout from the sublet facility showing the BEFORE and AFTER alignment readings.
- Check to make sure the sublet facility has accurately reset the Alignment.
- The printout supplied by the sublet facility MUST be attached to the Repair Order.
- Failure to attach this information may result in debit of the Claim.
- This information should be kept in the vehicle's service history file.

Alignment Machine Calibration Certification

- HUNTER recommends that:
 - ➔ Standard conventional style Alignment Machines (internal reference sensors) should be checked (and calibrated if necessary) every six months.
 - ➔ "External reference" Alignment Machines (image based) should be checked once a year.
 - ➔ Obviously, if any instrument is dropped, or damaged in some way, calibration should be checked immediately.
- Please keep a copy of the alignment machine calibration certification that shows when your alignment machine was last serviced/calibrated.
- If you do not have a copy of the calibration certification, make sure you keep a copy of the receipt or purchase order number for the last calibration service.
- If the alignment is performed by a sublet facility, make sure you get a copy of the sublet facility's alignment machine calibration certification which shows when the last calibration was done.
- A copy of the calibration certification must be attached to the Repair Order. Failure to attach this information may result in debit of the Claim.
- This information should be kept in the vehicle's service history file.

PARTS INFORMATION (For Original Bridgestone Potenza Front Tires)

DESCRIPTION	QUANTITY
Tire (Bridgestone Potenza "RE040", size 225/50/R17)	2 (if needed)

OR

Tire (Bridgestone Potenza "RE040", size 225/45/R18)	2 (if needed)
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NOTE: Do NOT order tires from Nissan. If needed, order tires directly from your local Bridgestone tire supply source.

SERVICE PROCEDURE

Front Tire Inspection Procedure (For Original Bridgestone Potenza Tires ONLY)

1. Make sure the pressure in all four tires is **35 P.S.I. cold**.
 - It is absolutely critical (very important) that the tire pressure is set and maintained at 35 psi cold in order to “maximize” tire life.
 - If the tire pressure is below 35 P.S.I. cold, the tires may wear sooner, which can lead to increased noise.

NOTE: Perform the following steps on both front tires ONLY. You do NOT need to perform these steps on the rear tires.

2. Raise the vehicle on a hoist.
3. Measure the tire in several locations as follows:

NOTE: To do this procedure, you’ll need:

- Piece of **chalk**
- **Tread Check Kit J-47132** (see Figure 1). This Kit is essential to perform this procedure and was previously sent to each dealer.

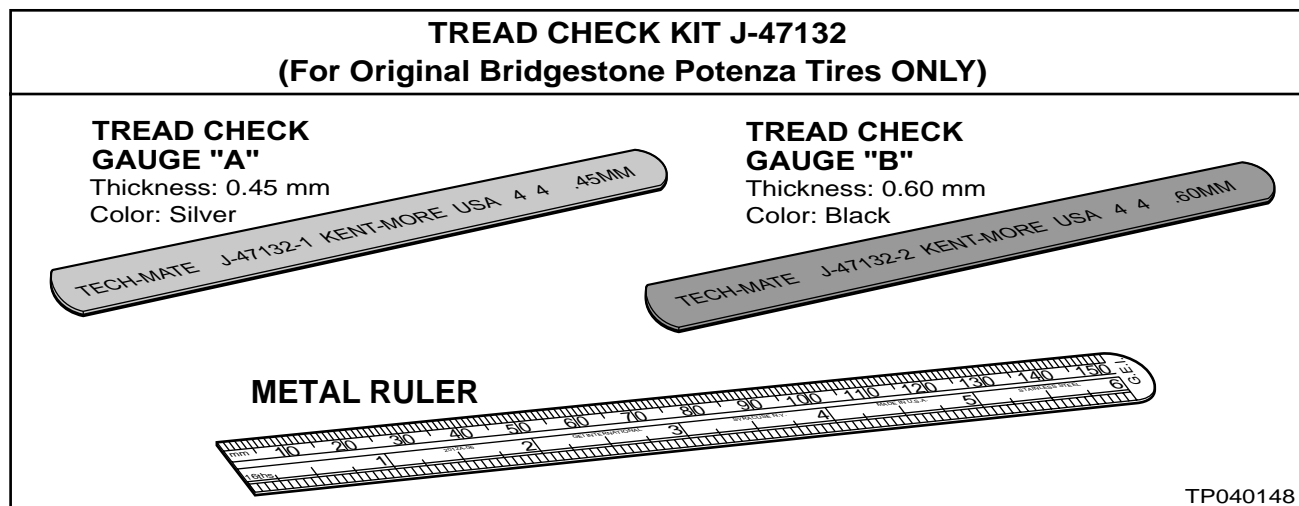


Figure 1

A. Use the chalk to mark the inner and outer tire sidewalls in four locations (each side). See Figure 2 below.

Put a letter at the following points:

- Letter "A" at the rotation arrow
- Letter "B" at the 3 O'clock position
- Letter "C" at the 6 O'clock position
- Letter "D" at the 9 O'clock position

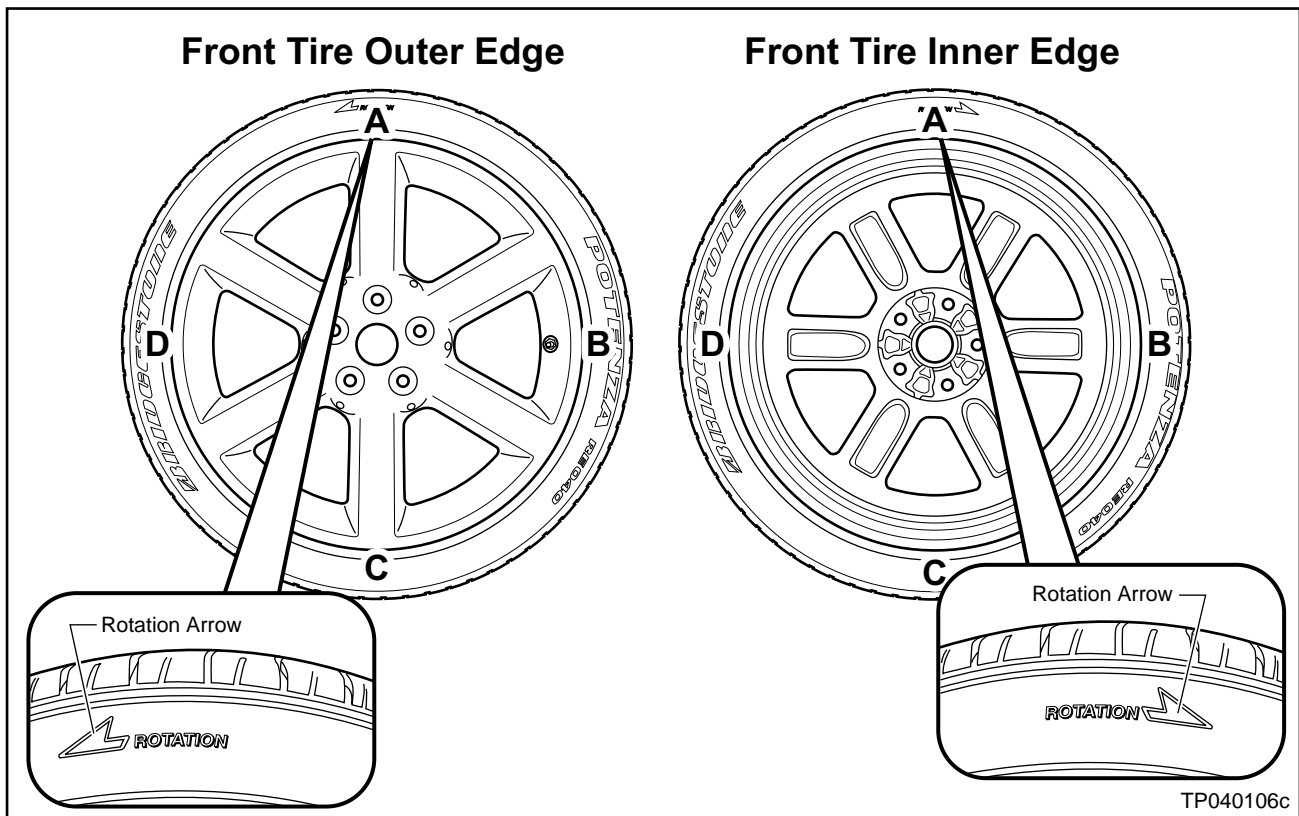


Figure 2

- B. At each location that you just marked, use **Gauge "A"** (0.45 mm) to check the height difference between two large tread lugs (closest to each reference point A, B, C, D) as follows. See Figure 3.

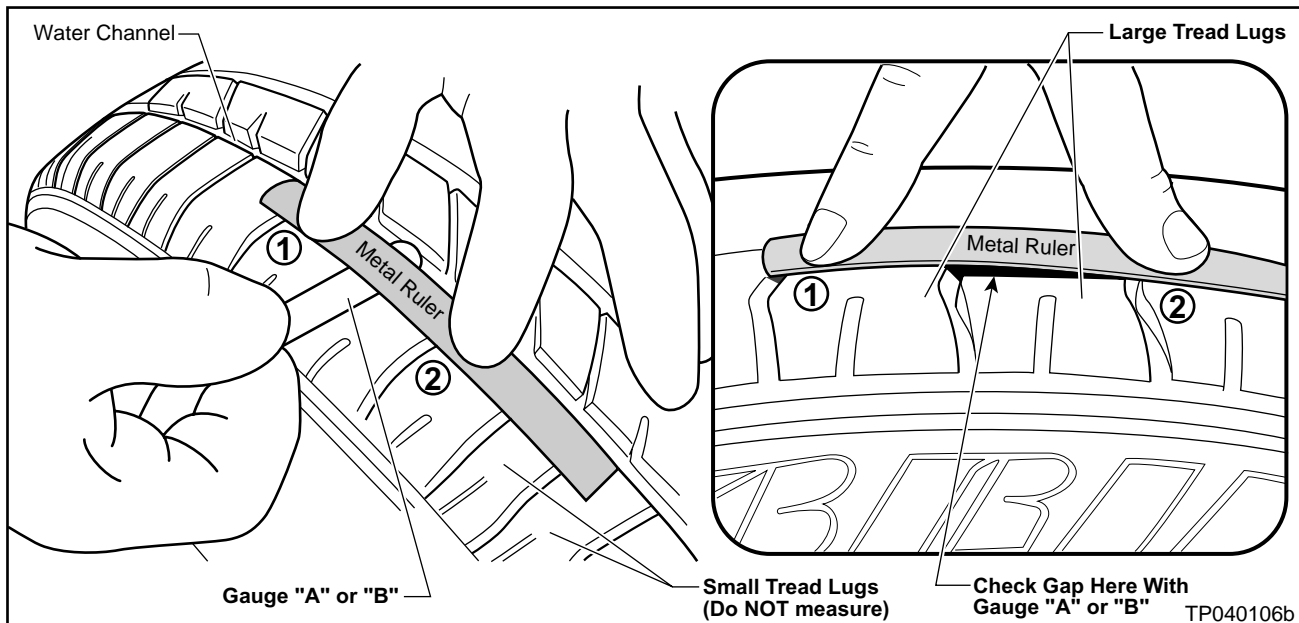


Figure 3

IMPORTANT:

- Don't measure the small tread lugs (see Figure 3). **ONLY** measure large tread lugs.
 - 1) Lay the metal ruler across two large tread lugs and along the edge of the Water Channel (see Figure 3).
 - 2) Firmly press down on the ruler at the number 1 and number 2 positions as shown in Figure 3.
 - 3) Use **Gauge "A"** (0.45 mm) to check the height difference between the two tread lugs (see Figure 3).

NOTE: Write down all the front tire checking results at the bottom of the **Tire Tread Check Sheet** (see Figure 4, next page).

- ➔ If the height difference between ALL the tread lugs you checked is **LESS** than **0.45 mm**, look for other causes of the noise.
- ➔ If the height difference between ANY two tread lugs is **MORE** than **0.45 mm**, check the tire again using **Gauge "B"** (0.60 mm).
- ➔ If the height difference between ALL the tread lugs you checked is **LESS** than **0.60 mm**, rotate the front tires side to side (dismounting tires from wheels). Refer to the **Front Tire Rotation Procedure** (page 12).
- ➔ If the height difference between ANY two tread lugs is **MORE** than **0.60 mm**, replace both front tires. Refer to the **Front Tire Replacement Procedure** (page 15).

NOTE: If the front tires are replaced, attach a copy of the **Tire Tread Check Sheet** (completely filled out at the bottom) to the Repair Order. If you don't do this, the warranty claim may be debited.

TIRE TREAD CHECK SHEET

Instructions: (1) Check the tire tread with Gauge "A" or "B".

(2) Circle "Yes" or "No" in all the boxes (that apply) at the bottom of this sheet.

(3) Attach a copy of this sheet to the Repair Order.

Front Tire Outer Edge

Front Tire Inner Edge

LH FRONT TIRE

Position	Inner	Outer
	More than 0.45 mm?	More than 0.45 mm?
A	Yes or No	Yes or No
B	Yes or No	Yes or No
C	Yes or No	Yes or No
D	Yes or No	Yes or No

**GAUGE "A"
RESULTS**

RH FRONT TIRE

Position	Inner	Outer
	More than 0.45 mm?	More than 0.45 mm?
A	Yes or No	Yes or No
B	Yes or No	Yes or No
C	Yes or No	Yes or No
D	Yes or No	Yes or No

LH FRONT TIRE

Position	Inner	Outer
	More than 0.60 mm?	More than 0.60 mm?
A	Yes or No	Yes or No
B	Yes or No	Yes or No
C	Yes or No	Yes or No
D	Yes or No	Yes or No

**GAUGE "B"
RESULTS**

RH FRONT TIRE

Position	Inner	Outer
	More than 0.60 mm?	More than 0.60 mm?
A	Yes or No	Yes or No
B	Yes or No	Yes or No
C	Yes or No	Yes or No
D	Yes or No	Yes or No

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Figure 4

Front Tire Rotation Procedure

- **Rotate Front Tires from Side to Side – Dismounting Tires from Wheels:**

NOTE: Before removing tires/wheels from the car, do the following:

1. Label the left-front wheel as the **LEFT** (as viewed from the driver's seat).
2. Label the right-front wheel as the **RIGHT** (as viewed from the driver's seat).
3. Inspect the valve stems in the front wheels:
 - A. If the valve stems are **black-colored rubber-type** (see Figure 5):
 - They are standard tire valves.
 - Go to Step 4 on page 14.

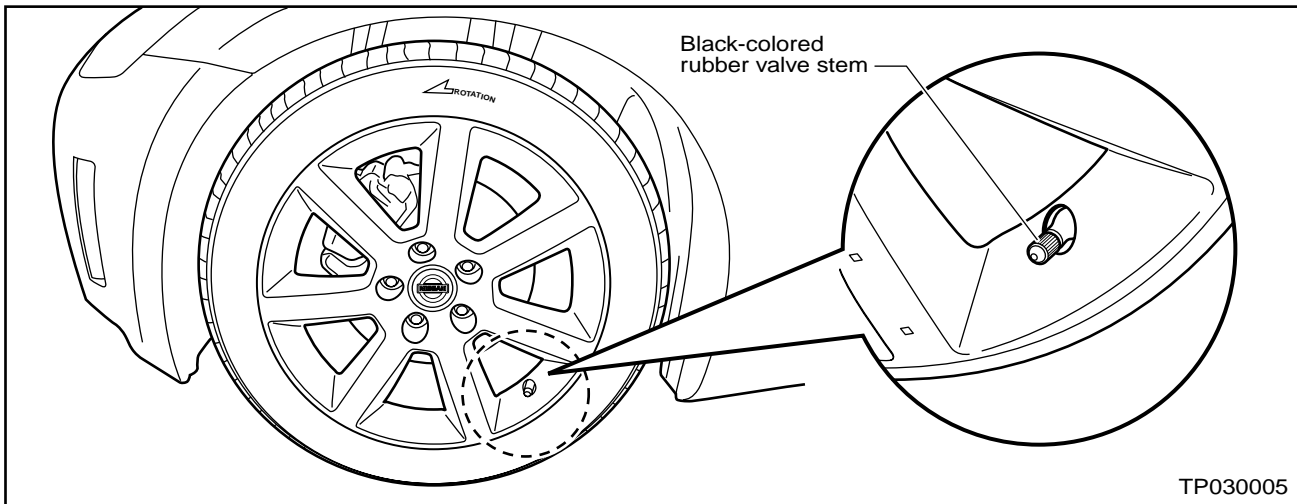


Figure 5

- B. If the valve stems are **silver-colored metal-type** (see Figure 6):

- They contain a transponder for the special Tire Pressure Monitoring System (TPMS).
- Use a non-permanent marker to mark the stem **Left**, or **Right**.
- Then follow the **CAUTIONS** on page 13 before going to Step 4 on page 14.

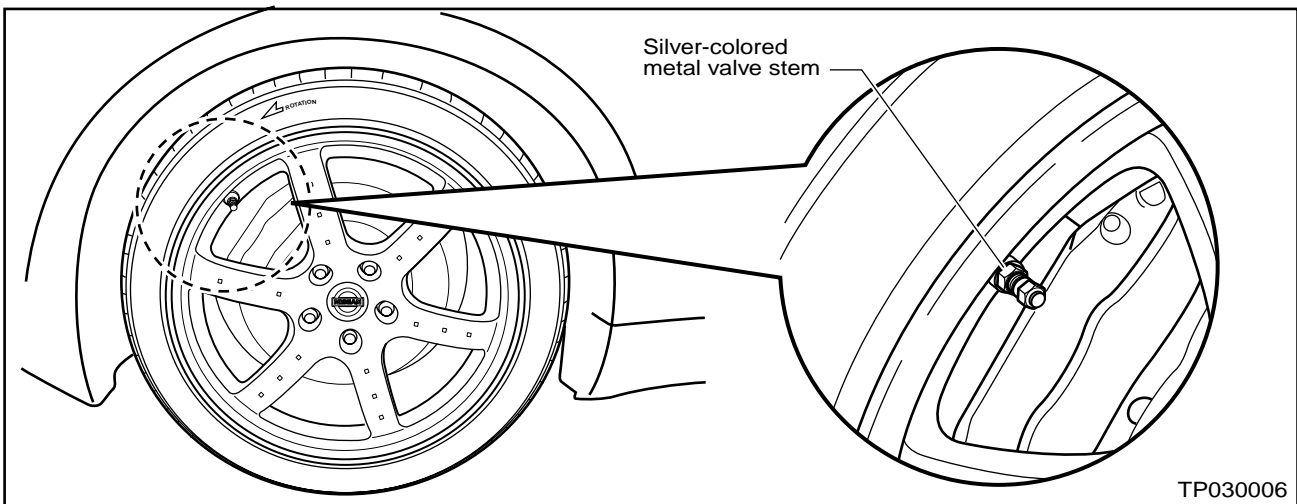


Figure 6

CAUTION: First read the “tips”, below, before trying to remove a tire from the wheel.

Tire Removal Tips:

- When removing a tire with a TPMS “transponder” installed (silver metal-type valve), before breaking the tire bead from the rim, first remove the nut from the valve stem.
- Then, push the valve stem/air pressure transponder into the inside of the tire.

• **Failure to do this will result in transponder damage.**

Positioning TPMS Transponder When Remounting Tires:

- When remounting tires, make sure the TPMS Transponder is positioned as close to the wheel surface as possible (see Figure 7).

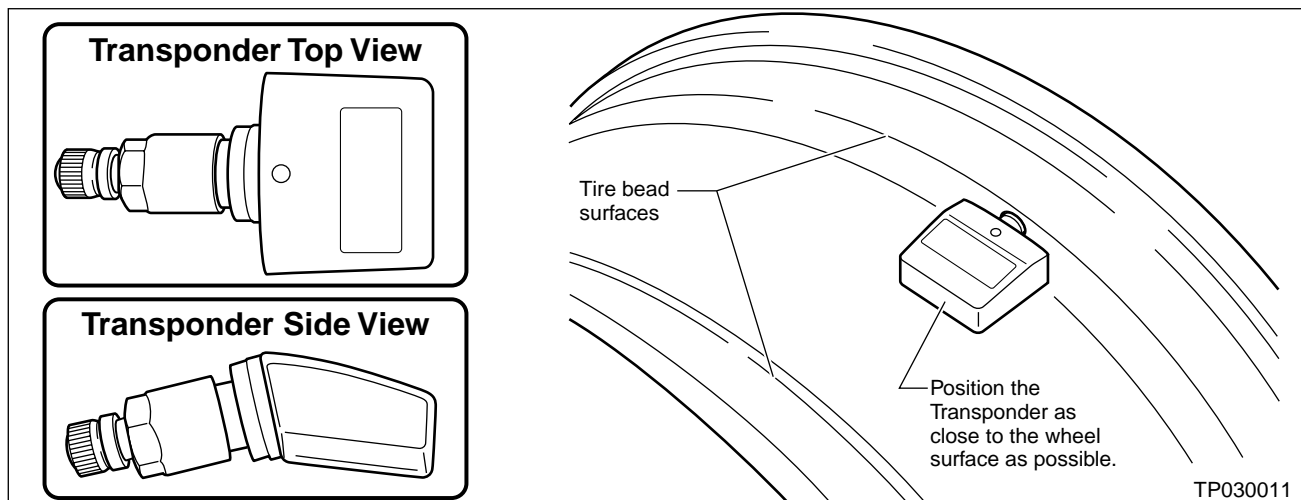


Figure 7

IMPORTANT TIP: So you won't have to perform TPMS Initialization, make sure the Transponder stays at its **original wheel position** on the car.

- ❑ So the **right-front Transponder** must remain with the **right-front wheel**.
- ❑ And the **left-front Transponder** must remain with the **left-front wheel**.

Refer to the mark you made in step B (page 12) for correct Transponder placement.

NOTE: TPMS Initialization should not be needed if the “Tip” above is followed, however, if TPMS Initialization is needed, see **NTB02-070** for detailed information.

4. Remove the right-front and left-front wheel/tire assemblies.
5. Dismount the front tires from the wheels.

NOTE: When remounting tires in the steps below, make sure the uni-directional arrows on the sides of the tires point toward the front of the vehicle (see Figure 8).

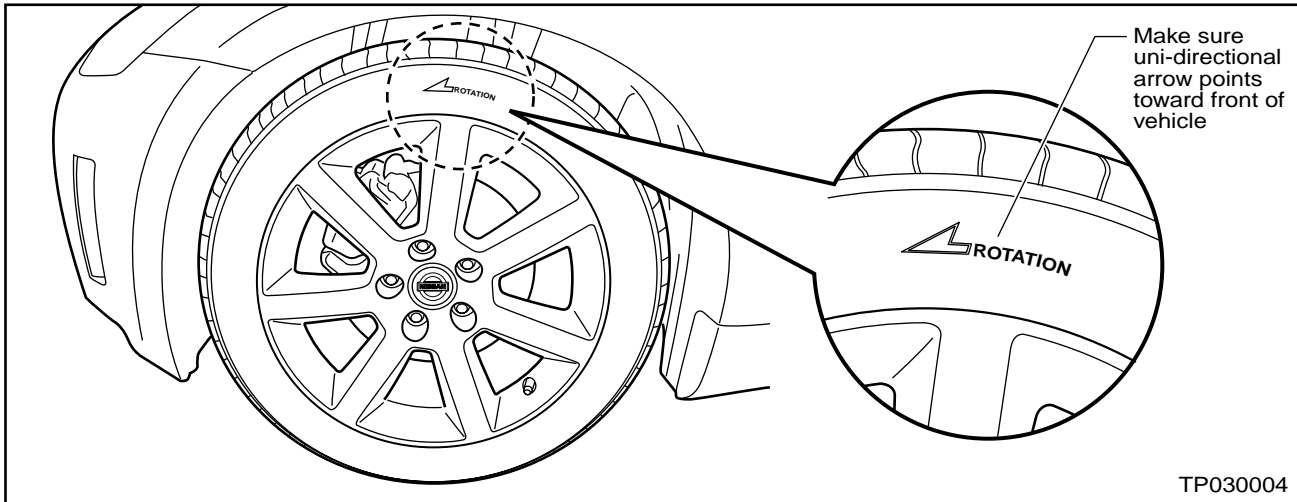


Figure 8

6. Mount the right tire on the left wheel.
7. Mount the left tire on the right wheel.
8. Adjust the tire pressures to **35 PSI cold**.
9. Balance both wheel/tire assemblies.
10. Mount the left wheel/tire assembly on the left side of the vehicle.
 - Tighten wheels nuts to: **98 – 127 N-m (10 – 12 kg-m, 73 – 93 ft-lb)**
11. Mount the right wheel/tire assembly on the right side of the vehicle.
 - Tighten wheels nuts to: **98 – 127 N-m (10 – 12 kg-m, 73 – 93 ft-lb)**
12. Go to the Front End Alignment Check Procedure on page 18.

Front Tire Replacement Procedure

1. Inspect the valve stems in the front wheels:

A. If the valve stems are **black-colored rubber-type** (see Figure 9):

- They are standard tire valves.
- Go to Step 2 on page 17.

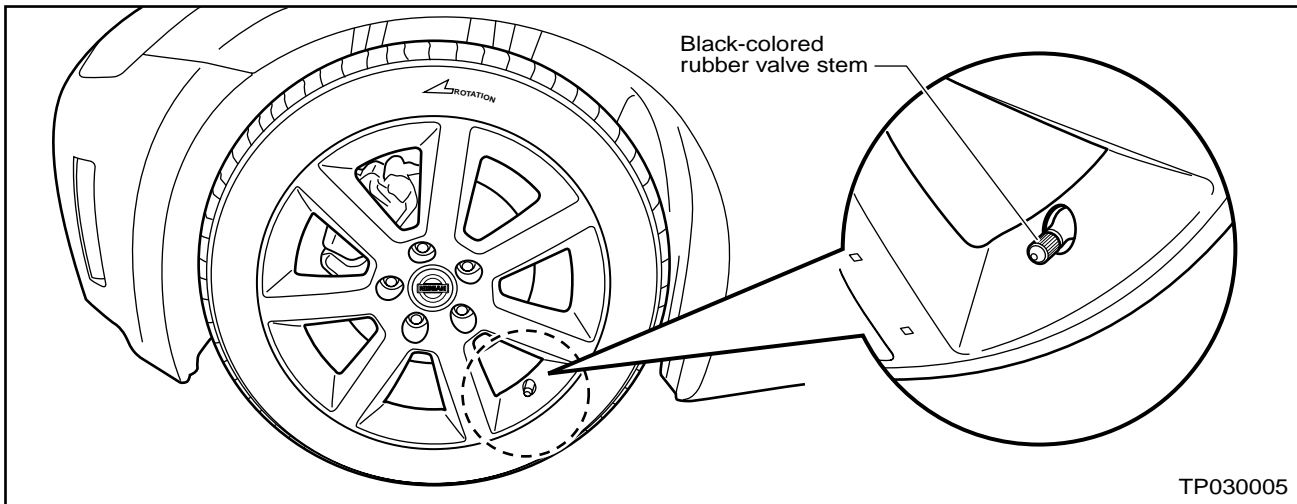


Figure 9

B. If the valve stems are **silver-colored metal-type** (see Figure 10):

- They contain a transponder for the special Tire Pressure Monitoring System (TPMS).
- Use a non-permanent marker to mark the stem **Left**, or **Right**.
- Then follow the **CAUTIONS** on page 16 before going to Step 2 on page 17.

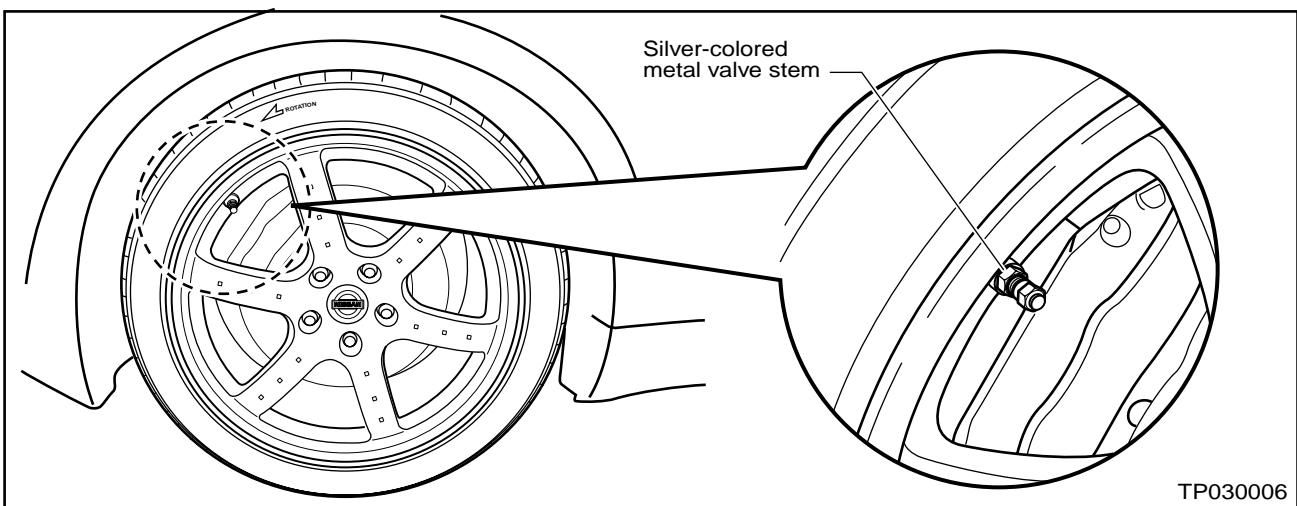


Figure 10

CAUTION: First read the “tips”, below, before trying to remove a tire from the wheel.

Tire Removal Tips:

- When removing a tire with a TPMS “transponder” installed (silver metal-type valve), before breaking the tire bead from the rim, first remove the nut from the valve stem.
- Then, push the valve stem/air pressure transponder into the inside of the tire.

• **Failure to do this will result in transponder damage.**

Positioning TPMS Transponder When Remounting Tires:

- When remounting tires, make sure the TPMS Transponder is positioned as close to the wheel surface as possible (see Figure 11).

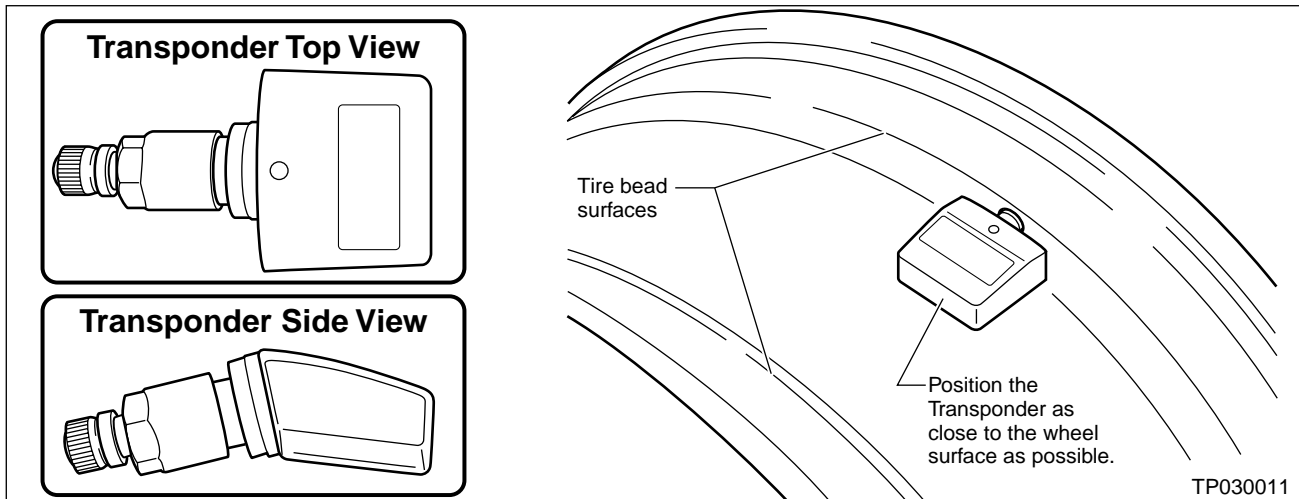


Figure 11

IMPORTANT TIP: So you won't have to perform TPMS Initialization, make sure the Transponder stays at its **original wheel position** on the car.

- ❑ So the **right-front Transponder** must remain with the **right-front wheel**.
- ❑ And the **left-front Transponder** must remain with the **left-front wheel**.

Refer to the mark you made in step B (page 15) for correct Transponder placement.

NOTE: TPMS Initialization should not be needed if the “Tip” above is followed, however, if TPMS Initialization is needed, see **NTB02-070** for detailed information.

2. Remove the right-front and left-front wheel/tire assemblies.
3. Dismount the front tires from the wheels.

NOTE: When remounting tires in the steps below, make sure the uni-directional arrows on the sides of the tires point toward the front of the vehicle (see Figure 12).

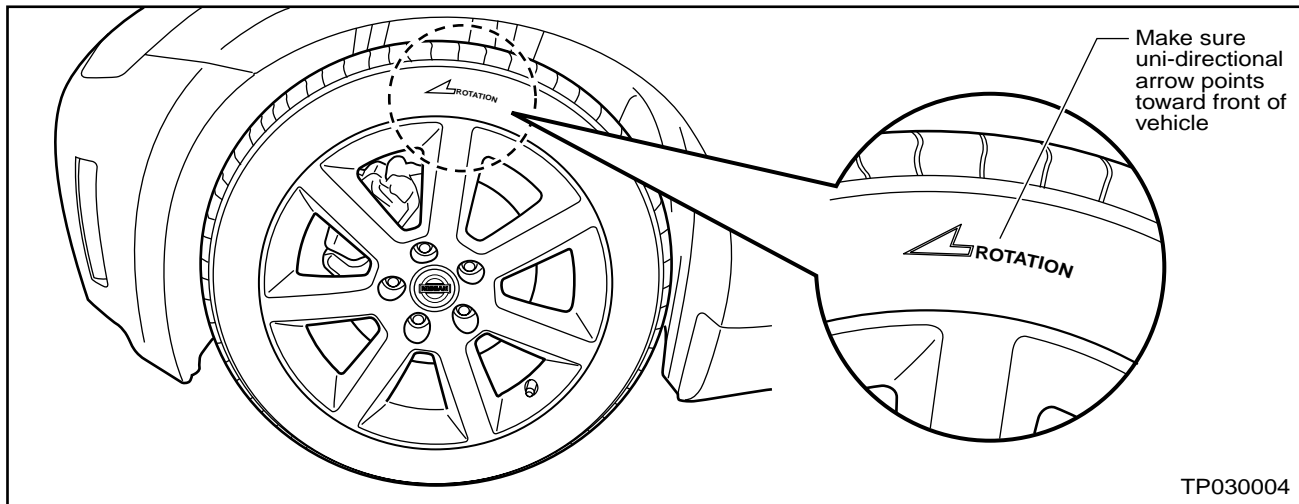


Figure 12

4. Install Replacement Tires onto the wheels.
5. Adjust the tire pressures to **35 PSI cold**.
6. Balance both wheel/tire assemblies.
7. Mount the wheel/tire assemblies onto the vehicle.
 - Tighten wheels nuts to: **98 – 127 N-m (10 – 12 kg-m, 73 – 93 ft-lb)**
8. Go to the Front End Alignment Check Procedure on page 18.

Front End Alignment Check Procedure (Adjust if Needed):

IMPORTANT:

- A copy of the Alignment Machine Printout showing BEFORE and AFTER alignment readings MUST be attached to the Repair Order (for alignment).
- A copy of the alignment machine calibration certification must be attached to the Repair Order.
- Failure to attach this information may result in debit of the Claim.
- This information should be kept in the vehicle's service history file.

1. Check the vehicle's front end alignment and adjust Toe-in, if needed.

- Only Toe-in can be adjusted on the front suspension of the 350Z.
- The Camber and Caster are not adjustable.

It is absolutely critical that the TOE is properly set on the 350Z.

For details on Front End Alignment, refer to the **FSU section/Wheel Alignment Inspection and Toe-in Inspection and /Service Data/Wheel Alignment (Unladen)** in the Electronic Service Manual (ESM).

Chart 1

Total Toe-in	
Minimum	0 mm (0 in.) [0°]
Nominal	1 mm (0.04 in.) [0.1°]
Maximum (preferred setting*)	2 mm (0.08 in.) [0.2°]

* The **preferred setting** is 2 mm (0.08 in.) [0.2°] with **no** "variation" (zero [0] plus or minus). Once the final adjustment is done, it is very important that there is **no** "toe-out".

IMPORTANT:

- You must use a quality alignment machine that will give accurate results when performing alignment checks.
- An alignment machine such as the Hunter Series 611 listed in the Nissan TECH-MATE Catalog should be used.
- Your alignment equipment should be regularly calibrated in order to give correct information.
- HUNTER recommends that:
 - ➔ Standard conventional style Alignment Machines (internal reference sensors) should be checked (and calibrated if necessary) every six months.
 - ➔ "External reference" Alignment Machines (image based) should be checked once a year.
 - ➔ Obviously, if any instrument is dropped, or damaged in some way, calibration should be checked immediately.
- The alignment rack itself should be capable of accepting the 350Z.

- The rack should be checked to ensure that it is level.
- Some newer Hunter or other brand alignment machines are equipped with an optional “Rolling Compensation” method.
 - ➔ **Do NOT use this method to compensate the sensors (alignment targets or heads) when aligning the 350Z.**
 - ➔ **Use the “Jacking Compensation Method” for any Alignment Targets or Heads sensors. You’ll need to raise the vehicle to perform this compensation.**

ALSO:

- **To display the Alignment Settings, many alignment machines use a green/red or plus/minus or Go/No Go "indicator".**
- **Don’t use these indicators. They may cause some confusion that may result in a wrong toe setting.**
- **The alignment specifications used to make the color change may not be correct in your machine. This may result in an ERROR.**
 - ➔ You should check the specification and tolerance information in your machine to make sure it matches the specifications listed in the ESM or Chart 1 (previous page) of this TSB.
- **Refer to the actual number to correctly set the TOE.**

2. After you have checked and adjusted (if necessary) the Toe-in:

- Print out both BEFORE and AFTER measurements,
- Attach them to the Repair Order

3. Road test the vehicle to make sure:

- The steering wheel is “centered”
- The road noise is minimized

OWNER'S LETTER

Dear Nissan 350Z Owner:

Nissan is committed to providing the highest levels of product quality and customer satisfaction. The 350Z was designed for maximum dynamic handling performance and is therefore equipped with tires that have a compound and tread pattern that provides optimum handling characteristics. However, this performance set-up requires very accurate front wheel alignment. Nissan has determined that 350Z front tires are sensitive to any toe-out condition; and if the front toe alignment is not correct on Model Year 2003 350Z vehicles, an irregular wear pattern on the inner edge of the front tires may occur. This wear pattern can cause a tire noise condition described as "tire roar" or "tire growl" which may be most noticeable during low speed braking. Rear wheel alignment is not affected.

What Nissan Will Do:

To ensure the highest levels of customer satisfaction, Nissan is extending the warranty for front wheel alignment on your 350Z to 2 years from the original in-service date. Like all Nissan New Vehicle Limited Warranty service, this extended warranty is only available through a Nissan dealership.

If your Model Year 2003 350Z vehicle exhibits front tire roar or growl noise during the extended warranty period, Nissan will inspect your vehicle to determine the wheel, tire and suspension equipment installed on the vehicle. Then:

1. For vehicles equipped with original equipment tires and wheels (or with genuine Nissan chrome or NISMO accessory Z wheels), Nissan will:
 - Inspect the tires for irregular wear pattern on the inside portion of the front tires and, if necessary, either rotate the front tires from side to side or replace the front tires as determined to be necessary by formal repair criteria.
 - If tires are either rotated or replaced, check the front wheel alignment and adjust, as needed, to ensure proper toe-in adjustment.
2. For vehicles equipped with replacement tires of the same size as the original equipment tires and original equipment wheels (or with genuine Nissan chrome or NISMO accessory Z wheels), Nissan will:
 - Check the front wheel alignment and adjust, as needed.
3. For vehicles with replacement tires that are not the original size, or with wheels other than those listed in number 1 or 2 above or, or with suspension modifications other than NISMO-S Tune, this warranty extension is not applicable unless the wheels, tires and/or suspension are first returned to original factory specifications and the vehicle then is presented to a Nissan dealer for repair prior to expiration of this extended warranty.

Note: If it is determined that replacement of the front tires is covered and necessary: Tires with less than 21,001 miles of usage will be replaced free of charge; Tires replaced between 21,001 and 30,000 miles will be prorated and Nissan will pay for a percentage of the tire replacement cost.

What You Should Do:

If you are experiencing front tire roar or growl noise as described above and this warranty extension is applicable to your vehicle, contact your Nissan dealer to schedule an appointment. This service should take approximately 2 hours to complete, but you may have to leave your car for a longer period based upon dealer work schedules or tire availability.

If you replaced your front tires due to tire roar or growl noise or an irregular wear pattern on the inside portion of the front tires prior to the announcement of the extended warranty, you may be eligible for reimbursement of those expenses from Nissan. Please see "**Checklist For Reimbursement of Prior Front Tire Replacement**" (next page) for additional information.

If you have any additional questions, please contact your Nissan dealer or you can contact Nissan Consumer Affairs at 800-343-0294.

Nissan Division

