



**Technical Service
BULLETIN**

July 16, 2004

Title:

**WHEEL FILM FOR BRAKE ROTOR
RUST PREVENTION**

Models:

All Models with Wheel Film

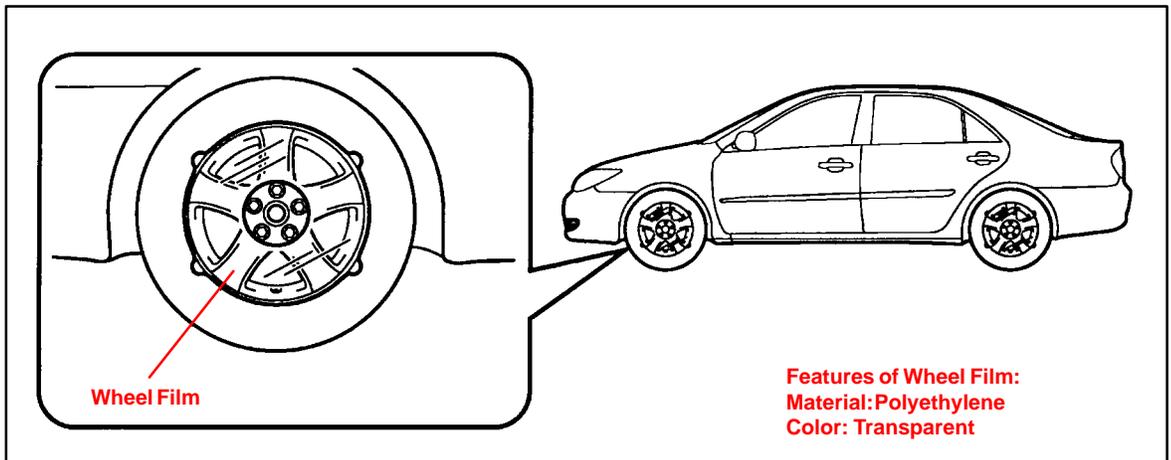
**PRE-DELIVERY SERVICE
PD017-04**

Introduction To prevent brake rotor rust from forming during transportation and storage, wheel film will be adopted instead of using a cardboard type anti-rust cover.

The purpose of the wheel film is to protect the disc brake rotor from weather elements and initial rust before the vehicle is delivered to the customer. Consequently, the film should remain on the wheel as long as possible.

NOTE:

- Retain the wheel film on the disc wheel during vehicle display and storage.
- Do not remove the wheel film right away at Pre-Delivery Service (PDS) if the vehicle will be stored after PDS.
- Remove the wheel film just prior to delivery to customers.



**Applicable
Vehicles**

- All Models with wheel film.

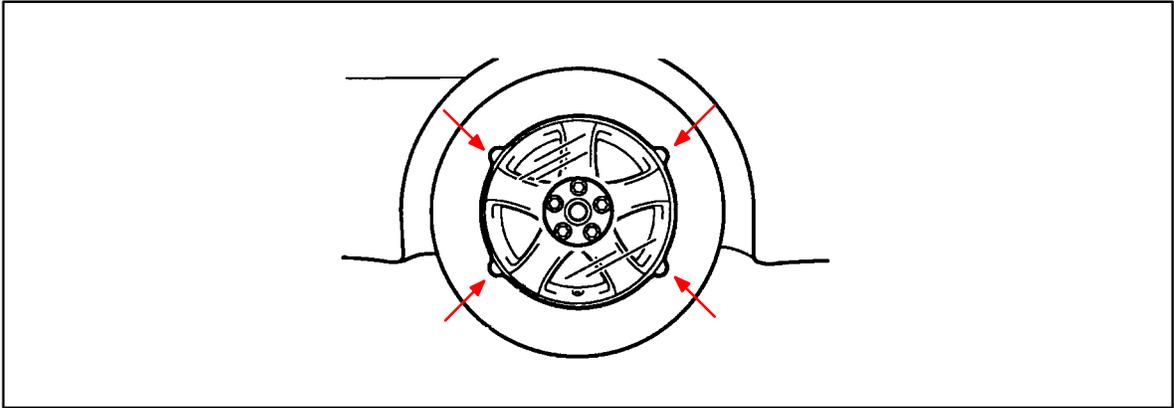
**Warranty
Information**

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
N/A	Not Applicable to Warranty	-	-	-	-



Removal Procedure

Firmly hold the outer end of the wheel film to pull it off.

**NOTE:**

- If film adhesive residue is found on the disc wheel, remove it with a soft cloth dipped in ethyl alcohol (ethanol). Do not use thinner to remove the adhesive residue.
- When the wheel film is removed below an ambient temperature of 0°C (32°F), it is possible that the film may tear. For ease of film removal in cold conditions, please warm the film above 0°C (32°F) using one of the following methods:
 - Splash (hot) water on the wheel film.
 - Warm wheel film with cotton cloth soaked in hot water.
 - Warm wheel film with heat gun. Be sure not to overheat the film and wheel.
 - Warm wheel film by infrared heater (lamp) for paint. Be sure not to overheat the film and wheel.
 - Warm wheel film by steam car wash.
 - Park vehicle indoors (e.g. garage, etc.) for an extended period of time.

Disposal Procedure

Please follow local laws for disposal. Polyethylene film will not generate harmful gasses when it is burned.

**Introduction
Schedule**

MODEL (FRONT & REAR)	PLANT	2003												2004											
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
Avalon	TMMK	[Shaded]												[Shaded]											
Camry		[Shaded]												[Shaded]											
Celica	JAPAN	[Shaded]												[Shaded]											
Corolla	NUMMI TMMC	Front						[Shaded]						[Shaded]											
		[Shaded]						Rear						[Shaded]											
	JAPAN	[Shaded]						[Shaded]						Front				[Shaded]							
[Shaded]						[Shaded]						[Shaded]				Rear				[Shaded]					
Highlander		[Shaded]						[Shaded]						[Shaded]											
Matrix	TMMC	Front												[Shaded]											
		[Shaded]						[Shaded]						[Shaded]				Rear				[Shaded]			
MR2	JAPAN	[Shaded]						[Shaded]						[Shaded]											
Prius		[Shaded]						[Shaded]						[Shaded]											
RAV4		[Shaded]						[Shaded]						[Shaded]				[Shaded]							
Solara	TMMK	[Shaded]												[Shaded]											
Scion xA	JAPAN	[Shaded]				[Shaded]								[Shaded]											
Scion xB		[Shaded]				[Shaded]								[Shaded]											
Scion tC		[Shaded]						[Shaded]						[Shaded]				[Shaded]							

This is a tentative schedule. There is a possibility that the introduction timing may be delayed on some models.