



**Technical Service
BULLETIN**

December 17, 2002

Title:

**WHEEL FILM FOR BRAKE ROTOR RUST
PREVENTION**

Models:

'03 Corolla, Matrix, Avalon, Camry & Solara

PRODUCT GENERAL INFORMATION
PG028-02

Introduction The material of wheel film adopted for North America production vehicles has been changed from Polyvinyl Chloride to Polyethylene to improve removability in cold conditions.

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

- Retain the wheel film on the wheel during vehicle display and storage.
- Do not remove the wheel film at PDS if the vehicle will be stored after PDS.
- Remove the wheel film just prior to delivery to the customer.

**Applicable
Vehicles**

- **2003** model year **Corolla, Matrix, Avalon, Camry and Solara** vehicles.

**Introduction
Schedule**

MODEL	WHEEL	INTRODUCTION DATE
TMMC Corolla	15 inch Steel 15 inch Aluminum	Middle of October 2002
NUMMI Corolla	15 inch Steel 15 inch Aluminum	End of October 2002 Middle of December 2002
TMMC Matrix	16 inch Steel 16 inch Aluminum 17 inch Aluminum	Middle of October 2002 End of October 2002 Middle of November 2002
TMMC Solara	15 inch Steel 15 inch Aluminum 16 inch Aluminum	Middle of October 2002 Middle of October 2002 End of October 2002
TMMK Camry	15 inch Steel 16 inch Steel 15 inch Aluminum 16 inch Aluminum	End of October 2002 End of October 2002 Middle of November 2002 Beginning of November 2002
TMMK Avalon	15 inch Steel 15 inch Aluminum 16 inch Aluminum	End of October 2002 Middle of November 2002 Beginning of November 2002

**Warranty
Information**

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



Removal Procedure To remove, pull the outer end of the wheel film.

NOTE:

If film adhesive residue remains on the 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:

1. Splash (hot) water on the wheel film.
2. Warm wheel film with cotton cloth soaked in hot water.
3. Warm wheel film with heat gun. Be sure not to overheat the film and wheel.
4. Warm wheel film by infrared paint heater (lamp). Be sure not to overheat the film and wheel.
5. Warm wheel film by steam car wash.
6. 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.

Material Information

	MATERIAL	THICKNESS	COLOR
Previous Film	Polyvinyl Chloride	75 micron including adhesive	Pink, yellow, blue, green and gray
New Film	Polyethylene	75 micron including adhesive	Transparent with 2 stripes (stripe color depends on film size)