

Subject Spots in Window Glass		Market USA
Service Category Vehicle Exterior	Section Window/Glass	
Applicability All Models		

APPLICABLE VEHICLES

2002-2014	Highlander	2002-2014	Prius
2002-2014	Tundra	2002-2014	Sienna
2012-2014	RAV4 EV	1993-1998	T100
2002-2011, 2013-2014	Land Cruiser	1989-1992	Cressida
2002-2014	4Runner	2002-2014	Sequoia
2002-2014	Avalon	2009-2014	Venza
2004-2014	Yaris	1997-2014	Tacoma
2002-2014	Corolla	2007-2014	FJ Cruiser
2002-2014	Camry	1993-1998	Supra
2003-2014	Matrix	2013-2014	Avalon HV
1991-1999	Paseo	1993-1999	Tercel
2012-2014	Prius V	2000-2005	Echo
2002-2014	RAV4	2000-2005	MR2 Spyder
1987-1989	Van	2012-2014	Prius PHV
1996-2005	Celica	2012-2014	Prius C
1999-2008	Solara	2006-2014	Highlander HV
2007-2014	Camry HV		

CONDITION

The appearance of spots in tempered glass (when viewed at certain angles) is the result of the heat treating and quick quenching process during manufacturing.

- The condition appears as faint shadowy spots and or lines in the glass.
- They become visible in the transmission and in reflection of light off the glass surface.
- The condition is more visible when viewed from an angle, rather than directly facing the glass.
- When polarized sunglasses are worn, they can dramatically enhance the appearance of the spots and lines.
- The spots seem to be easier to see on a sunny day when the light comes from a blue sky or is reflected from clouds. They are less visible on a gray, cloudy day.
- Tempered or heat treated glass can be found on the vehicle side and the back glass areas.
- An example of how the phenomenon appears is shown in this document.

Subject

Spots in Window Glass

Market

USA

Applicability

**RECOMMENDATIONS**

This is a normal phenomenon for tempered glass and glass exhibiting the condition outlined above should not be replaced.

LINK REFERENCES

This Tech Tip does not contain any link references