



NISSAN
Collision Position Statement
ARIYA Bumper Refinishing Requirements
Reference: NPSB/22-667
Date: November 1, 2022

TO: COLLISION REPAIR INDUSTRY

POSITION STATEMENT: ARIYA Bumper Refinishing Requirements

FRANKLIN, TN—Nissan North America, Inc. continues to develop some of the most innovative vehicles in the world that are focused on driver and occupant safety. As these vehicles are developed, increased focus on advanced safety systems and advanced driver assistance system (ADAS) features will be a natural byproduct of these advancements. Technologies included in these ADAS systems require specialized repair precautions and attention to detail in collision repair.

Improper repairs, excessive paint thickness, and bumpers that are painted more than once may result in system degradation and inaccuracy of the ADAS system, which may cause unintended system warnings or other malfunctions. Please refer to the Electric Service Manual for further details.

For ARIYA vehicles with damage in the side radar zones of the bumper (see Electronic Service Manual), use of only approved materials and processes is necessary to avoid interference with the side radars' and ADAS function:

Repair materials (such as putties or fillers) may not be added to the original bumper in the side radar zones. Repairs in the area of the radar zones will require bumper replacement with a Genuine Nissan Part.

Metallic paint may be refinished only once using an approved paint and taking care to avoid excessive paint thickness. Certain metallic paint products, identified by an "N" in the chart below, cannot be used in the side radar zones at all. Subsequent repairs will require bumper replacement with a Genuine Nissan Part.

Non-metallic and pearl paint may be refinished only once using an approved paint and taking care to avoid excessive paint thickness. Paint products identified by an "N" in the chart below, cannot be used in the side radar zones at all. Subsequent repairs will require bumper replacement with a Genuine Nissan Part.

Approved Paint Supplier and Product Lines

Please refer to the chart below for the approved paint product line for each color code when refinishing bumpers.

Supplier	Brand name	Product name	Color Base Type	CBC	K23	KAD	NBA	QBE	NBQ	DAP	GAT	KBY	RCJ	KH3
Akzo Nobel	Sikkens	Autowave 1.0	Water base	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y
		AutoBase Plus	Solvent base	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Lesonal	Lesonal WB	Water base	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y
		Lesonal SB	Solvent base	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Axalta	Cromax	Cromax Pro	Water base	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
		ChromaPremier	Solvent base	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y
		ChromaBase	Solvent base	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y
		Chromax XP	Solvent base	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y
		Centari6000	Solvent base	N	N	N	N	N	N	N	N	N	N	N
		Centari600	Solvent base	N	N	N	N	N	N	N	N	N	N	N
	SPIES HECKER	Permacron	Solvent base	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y
		Permahydo HighTech	Water base	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Standox	Standex Basecoat	Solvent base	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y
StandoBlue		Water base	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
BASF	Glasurit		Solvent base	N	N	N	N	Y	Y	Y	Y	Y	Y	Y
			Water base	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y
	R-M		Solvent base	N	N	N	N	Y	Y	Y	Y	Y	Y	Y
			Water base	N	N	N	N	Y	Y	Y	Y	Y	Y	Y
PPG	Envirobase HP		Water base	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Deltron DBC	DBC	Solvent base	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
		GRS	Solvent base	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Nexa	Autocolor 2K	Solvent base	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
		Aquabase Plus	Water base	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Sherwin Williams	Ultra 9K		Water base	N	N	N	N	N	N	N	N	N	N	N
	DeBeer 900		Water base	N	N	N	N	N	N	N	N	N	N	N
	Octoral Eco Plus		Water base	N	N	N	N	N	N	N	N	N	N	N
	Ultra 7000		Solvent base	Y	Y	Y	Y	Y	Y	N	Y	Y	N	Y
	Ultra BC8		Solvent base	N	N	N	N	N	N	N	N	N	N	N
	DeBeer 500		Solvent base	N	N	N	N	N	N	N	N	N	N	N
	Octoral		Solvent base	N	N	N	N	N	N	N	N	N	N	N
	Genesis		Solvent base	N	N	N	N	N	N	N	N	N	N	N
	Sunfire PRO		Solvent base	N	N	N	N	N	N	N	N	N	N	N
	Valspar Refinish		Solvent base	N	N	N	N	N	N	N	N	N	N	N
	Matrix Edge		Solvent base	N	N	N	N	N	N	N	N	N	N	N

Post-Repair Scan

After all repairs are completed, the vehicle must have a post-repair diagnostic system scan that can properly identify ARIYA systems and properly determine whether those systems are functioning as necessary. At this time, only CONSULT 4 and VI3 can be used on ARIYA. Please reference the [OEM Repair Procedures and Guidelines](#) statements for additional information.

Parts Warranty

Nissan North America Inc.'s New Vehicle Limited Warranty and Limited Warranty on parts are set forth in each model's warranty information booklet. The warranty information booklets should be consulted to understand warranty coverage and exclusions in terms of the parts used in repairing Nissan vehicles.

For additional collision information: Collision.NissanUSA.com

Refer to the Electronic Service Manual (ESM) prior to any repair or replacement being performed. Information specific to each model may be found at <https://www.nissan-techinfo.com>.