

The vehicles listed below may have windshields with metal oxide in the glass or may be equipped with special windshield features (see list below) that prevent interior NC Quick Pass transponders from being detected. If you are unsure whether your vehicle has one of these features, it is recommended to consult your vehicle's user manual or contact the dealer where you purchased your vehicle. If your transponder is not being detected when driving on North Carolina toll facilities, please contact NC Quick Pass Customer Service at (877) 7MY-PASS (877-769-7277), and a representative will be happy to assist you.

Windshield features that may interfere with the operation of an NC Quick Pass transponder:

- Metallic/insulated/heated glass
- Low E glass
- Solar/infrared reflective glass
- Automatic sensing wipers
- Night View Assist™

MAKE	MODEL	YEAR	EXT. DEVICE NEEDED	WINDSHIELD FEATURE POSSIBLY AFFECTING INTERIOR TRANSPONDER	ALTERNATIVE PLACEMENT
Aston Martin	Vanquish	2001-2007	Yes	Insulated/heated glass	n/a
	Vantage	2003-2008			
Audi	A4	1995-1998	Yes	Insulated/heated glass	n/a
	A8	1998-2003		Pilkington Automotive Siglasol™ solar/heat reflection windshield	
	A6	1998-2013		Pilkington Automotive Siglasol™ solar/heat reflection windshield	
Bentley	GT	2004-2009	Yes		n/a
	Continental (all versions)	All			
BMW	128	2003-Current	Maybe	Optional infrared reflecting windshield	Top of windshield in black shaded area, left or right of rearview mirror
	All 3 Series	1998-2008			Top, left or right of rearview mirror
	All 5 Series	2004-Current			n/a
	All 7 Series	1999-Current			
	X5	1999-Current			
	Xf	2000-2006			
	645	2004-2013			
	X6	2008-Current			
X3	2011-Current				
Buick	Park Avenue	1991-1996	Yes	Solar Control™ solar reflection windshield	n/a
	Roadmaster	1991-1996		PPG Sungate® Low E glass	
	LeSabre	1992-1998		Solar Control™ solar reflection windshield	
	Rendezvous	2002-2005		Solar Control™ solar reflection windshield	
Cadillac	Fleetwood	1989-1996	Yes	Heated windshield/PPG Sungate® Low E glass	n/a
	DeVille	1989-1999		Heated windshield	
	Touring Sedan	1992-1998		Heated windshield	
	Seville	1992-1999		Heated windshield	

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Cadillac (cont.)	Eldorado	1992-2002	Yes	Heated windshield	n/a
	Sixty Special	1993 Only		Heated windshield	
	Concours	1993-1998		Heated windshield	
	Catera	1997-2001		Solar ray	
Chevrolet	Corvette	1990-1998	Yes	PPG Sungate® Low E glass	n/a
	Caprice	1991-1996		Heat reflective/ solar control	
	Impala	1993-2002		PPG Sungate® Low E glass	
	Astra	2006-2009		PPG Sungate® Low E glass	
	Lumina	All		Solar Control™ solar reflection windshield	
	Venture	All		Solar Control™ solar reflection windshield	
Ford	Crown Victoria	1987-2006	Yes	Insta-Clear™ windshield	n/a
	Transit Connect	2011-2015		Heated windshield	
	Taurus	Prior to 1995		Heated windshield	
Jaguar	F Pace (SUV)	2017	Maybe	Infrared reflecting windshield	n/a
	XE	2017			
	VDP	1999-2004	Yes	Heated windshield	
	XJ Series	1999-2004			
	XK Series	1999-2004			
	S-Type	2000-2004			
	XF	2010-Current			
Landrover	Range Rover Sport	2016	Maybe	Optional heated/infrared reflecting windshield	Top of windshield in black shaded area, left or right of rearview mirror
	Range Rover	2003-2013		Optional infrared reflecting windshield	
	Range Rover	2014-Current		Optional infrared reflecting windshield	
	Discovery Sport	2015-2016		Optional infrared reflecting windshield	
	Range Rover Evoque	2012-Current	Yes	Optional infrared reflecting windshield	n/a
	LR3	2004-2016		Optional heated/infrared reflecting windshield	
	LR2	2008-2015		Optional heated/infrared reflecting windshield	
	LR4	2009-2016		Optional heated/infrared reflecting windshield	
Lincoln	Continental	1988-1994; 2001-2002	Yes	Insta-Clear™ windshield	n/a
	Town Car	1990-1997; 2001-2002			
Maybach	57	All	Yes	Infrared reflecting windshield	n/a
	62	All			

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Mazda	929	1988-1997	Maybe	Solar Control™ solar reflection windshield	n/a
	626	1990-1997			
Mercedes-Benz	CL Class	2001-2013	Yes		n/a
	S Class	2001-2013			
	SL Class (except SL500 & SL600)	2003-2008			
	E320	2003-2009			
	ML Class	2006-2012			
	R Class	2006-2012			
	GL Class	2007-2013			
	E350	2010-2013			
Mercury	Sable	1986-1994; 2001-2002	Maybe	Metallized windshield	n/a
	Grand Marquis	1988-1994; 2001-2002	Yes	Insta-Clear™ windshield	
Oldsmobile	Custom Cruiser	1990-1996	Yes	Solar Control™ solar reflection windshield	n/a
	Ninety-Eight	1991-1996		Solar Control™ solar reflection windshield	
	Eighty-Eight	1992; 1994-1999		Solar Control™ solar reflection windshield	
	LSS	1997-1999		Solar Control™ solar reflection windshield	
	Silhouette	All		Metallized windshield	
Pontiac	Aztek	2001-2006	Maybe	EZ VIEW	n/a
	Bonneville	1992-1999	Yes	Solar Control™ solar reflection windshield	
	Montana	1999-2009		Solar Control™ solar reflection windshield	
	Transport	Prior to 2002	Solar Control™ solar reflection windshield		
Porsche	Cayenne	2003-2013	Maybe	Solar Control™ solar reflection windshield	n/a
	Macan	2015-2016	Yes	Optional thermal insulated glass	
	Panamera	All			
Rolls-Royce	Phantom	2004-2007	Maybe	Infrared reflecting windshield	n/a
	Wraith	2014-2016			
Subaru	SVX	All	Yes		n/a
Tesla	Model S	All	Yes		n/a
	Model X	All			
Volkswagen	Rabbit	2006-2009	Yes		n/a
Volvo	S80	1999-2013	Yes	Infrared reflecting windshield	n/a
	XC90	2003-2013			