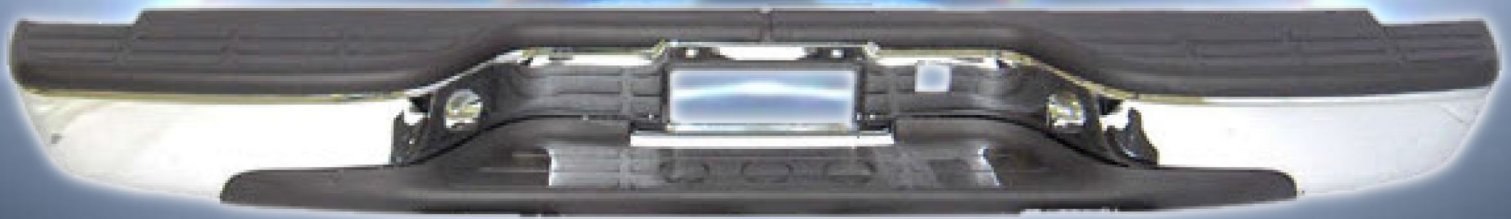


DIAMOND STANDARD



Certified Full Assembly Stepbumper Systems, Simplify Part Procurement, Reduce Cycle Times, and Provide a Cost Effective Parts Solution



CERTIFIED DIAMOND STANDARD VESC V-5 RATED STEPBUMPERS AND FACE BARS PRECISION ENGINEERED FOR CUSTOMER SATISFACTION

Diamond Standard Brand full assembly stepbumper systems and stepbumper face bars come ready to mount and meet all State and Federal Safety Requirements. Those include permanent identification on the part, like kind and quality fit, form, finish in terms of quality including functionality, performance and safety. Diamond Standard Brand Stepbumper full assembly models include the face bar, hitch pull bar, top and face pads, mounting brackets, support braces and connecting parts, license lamps, and full bolt assembly packets necessary for full replacement.



CYCLE TIME REDUCTION

Ordering a Diamond Standard ready to mount full assembly stepbumper reduces R&R labor and cycle times. Diamond Standard Brand full assembly stepbumpers are available in both chrome or black finish throughout North America in 48 hours or less through the Diamond Standard authorized distributor network. For information contact: angii@diamondstandardparts.com Shops or geoff@diamondstandardparts.com Insurers.

DIAMOND STANDARD ENHANCED CORROSION PROTECTION OE GRADE BACK COATING APPLIED TO REAR SURFACE AREAS FOR ADDED ENDURANCE IN HARSH CLIMATES

**DIAMOND STANDARD STEPBUMPER
WITH BACKCOATING**



**STEPBUMPER
WITHOUT BACKCOATING**



CERTIFIED VESC V-5 REGULATION COMPLIANT TOWING REQUIREMENT & PERFORMANCE

Diamond Standard part protocols and standards are based on the original OE part. Certified functional performance comparability to the system which came on the original vehicle is a requirement of a full assembly stepbumper system before it becomes approved as a Diamond Standard Brand part.

VESC Regulation V-5 testing is utilized across all Diamond Standard alternative full assembly stepbumper systems to determine each hitch shall be capable of withstanding the forces applied. The test protocol is followed by rigidly mounting the bumpers to a test fixture. All test loads are applied above the minimum test loads for the class rating and the angle of the ball from vertical relative to its original axis is measured before and after each of the quasi-static load tests. Test "A" applies equal load forces horizontally and vertically simultaneously equaling 5,700 lbs. Tests "B & C" measure the impact of attempting to pull off the ball with increased horizontal load factors while maintaining downward pressure with loads of at least 3,471 lbs.

TEST DATA FOR 00-06 TOYOTA TUNDRA REAR BUMPER

Test	MGA Test #	MAXIMUM LOAD		BALL AXIS MOVEMENT*	
		Horizontal Load [lbs]	Vertical Load [lbs]	Pre-Test [deg]	Post-Test [deg]
A	Q07670	2845.29	2855.2	0.0°	0.4°
B	Q07671	2691.87	779.3	0.4°	0.1°
C	Q07672	2696.77	779.6	0.1°	0.5°
NET MOVEMENT					0.4°



IIHS PROTOCOL OE AND DIAMOND STANDARD REAR DYNAMIC SLED TESTING

PRE OE



POST OE



PRE DIAMOND STANDARD



POST DIAMOND STANDARD



DIAMOND STANDARD STEPBUMPER LABELING STANDARD FOR MAXIMUM TRACEABILITY



LOT NUMBER

GM1103122DSN 
 Replacement part for:
 STEPBUMPER CHROME; REAR
 99-06 / 07 CLASSIC
 SILVERADO / SIERRA FLEETSIDE

Lot# 0906A  0906A

V/N#  013730

 P367

PART LABEL


 987654321

 987654321

 987654321

2-PART LABEL



CHEVROLET / GMC



DODGE



TOYOTA



FORD



NISSAN



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