

APPENDIX PAGE 1
LARGE LUXURY CARS, CURRENT MODELS
CRASH TEST RESULTS: 40 MPH FRONTAL OFFSET TEST

		OVERALL RATING	Structure/ safety cage	Head/ neck	INJURY MEASURES		Restraints and dummy kinematics
					Chest	Legs left / right	
	LEXUS LS 430 2001-03 models (made after 12/2000) avg. test vehicle wt. = 4,065 lbs.	GOOD	GOOD	GOOD	GOOD	GOOD/GOOD	GOOD
	BEST PICK						
	INFINITI Q45 2003 models test vehicle wt. = 3,999 lbs.	GOOD	GOOD	GOOD	GOOD	GOOD/GOOD	GOOD
NEWLY TESTED	BEST PICK						
	BMW 5 SERIES 1997-2003 models test vehicle wt. = 3,827 lbs.	GOOD	GOOD	GOOD	GOOD	GOOD/GOOD	GOOD
	BEST PICK						
	LINCOLN LS 2000-03 models (made after 2/2000) test vehicle wt. = 3,818 lbs.	GOOD	GOOD	GOOD	GOOD	GOOD/GOOD	GOOD
	BEST PICK						
	BUICK PARK AVE. 1997-2003 models test vehicle wt. = 3,794 lbs.	GOOD	GOOD	GOOD	GOOD	GOOD/GOOD	GOOD
	BEST PICK						
	CADILLAC SEVILLE 2000-03 models test vehicle wt. = 4,008 lbs.	GOOD	GOOD	GOOD	GOOD	GOOD/GOOD	GOOD
	BEST PICK						
	CADILLAC CTS 2003 models (made 10/2002 or after) test vehicle wt. = 3,554 lbs.	GOOD	GOOD	GOOD	GOOD	GOOD/GOOD	ACCEPT.
NEWLY TESTED	BEST PICK						
	CADILLAC CTS 2003 models (made before 10/2002) test vehicle wt. = 3,627 lbs.	ACCEPT.	GOOD	ACCEPT.	GOOD	GOOD/MARGINAL	ACCEPT.
NEWLY TESTED							
	LEXUS GS 1999-2003 models (made after 11/1998) test vehicle wt. = 3,805 lbs.	GOOD	GOOD	GOOD	GOOD	ACCEPT./GOOD	ACCEPT.
	NEWLY TESTED						
	ACURA RL 1996-2003 models test vehicle wt. = 3,840 lbs.	ACCEPT.	ACCEPT.	ACCEPT.	GOOD	GOOD/ACCEPT.	GOOD
NEWLY TESTED							

CAUTION: Crash test results shouldn't be compared among vehicles with large weight differences.

Vehicles are rated good, acceptable, marginal, or poor based on performance in a 40 mph frontal offset test. Go to www.highwaysafety.org for more information about how vehicles are rated and to obtain ratings for hundreds of other vehicles, including earlier large luxury car designs.

Insurance Institute for Highway Safety, 1005 N. Glebe Rd., Arlington, VA 22201. 703/247-1500. www.highwaysafety.org.

APPENDIX PAGE 2
SMALL SUVs, CURRENT MODELS
CRASH TEST RESULTS: 40 MPH FRONTAL OFFSET TEST

BEST PICK

NEWLY TESTED

BEST PICK

BEST PICK

NEWLY TESTED

BEST PICK

	OVERALL RATING	Structure/ safety cage	INJURY MEASURES			Restraints and dummy kinematics
			Head/ neck	Chest	Legs left / right	
HONDA CR-V 2002-03 models test vehicle wt. = 3,347 lbs.	GOOD	GOOD	GOOD	GOOD	GOOD/GOOD	GOOD
HONDA ELEMENT 2003 models test vehicle wt. = 3,494 lbs.	GOOD	GOOD	GOOD	GOOD	GOOD/GOOD	GOOD
SUBARU FORESTER 2003 models test vehicle wt. = 3,197 lbs.	GOOD	GOOD	GOOD	GOOD	GOOD/ACCEPT.	GOOD
MITSUBISHI OUTLANDER 2003 models test vehicle wt. = 3,439 lbs.	GOOD	GOOD	GOOD	GOOD	GOOD/GOOD	ACCEPT.
SATURN VUE 2002-03 models test vehicle wt. = 3,534 lbs.	GOOD	GOOD	ACCEPT.	GOOD	GOOD/GOOD	ACCEPT.
HYUNDAI SANTA FE 2001-03 models (made after 3/02/2001) test vehicle wt. = 3,836 lbs.	GOOD	GOOD	ACCEPT.	GOOD	GOOD/ACCEPT.	GOOD
JEEP WRANGLER 1997-2003 models test vehicle wt. = 3,247 lbs.	ACCEPT.	ACCEPT.	GOOD	GOOD	ACCEPT./GOOD	ACCEPT.
TOYOTA RAV4 2001-03 models (made after 10/2000) test vehicle wt. = 3,104 lbs.	ACCEPT.	GOOD	ACCEPT.	GOOD	ACCEPT./ACCEPT.	ACCEPT.
SUZUKI GRAND VITARA SUZUKI VITARA CHEVROLET TRACKER 1999-2003 models test vehicle wt. = 3,223 lbs.	ACCEPT.	ACCEPT.	ACCEPT.	GOOD	GOOD/GOOD	ACCEPT.
LAND ROVER FREELANDER 2002-03 models test vehicle wt. = 3,549 lbs.	ACCEPT.	GOOD	GOOD	GOOD	ACCEPT./GOOD	POOR
FORD ESCAPE MAZDA TRIBUTE 2001-03 models test vehicle wt. = 3,408 lbs.	MARGINAL	MARGINAL	ACCEPT.	GOOD	GOOD/POOR	ACCEPT.

CAUTION: Crash test results shouldn't be compared among vehicles with large weight differences.

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APPENDIX PAGE 3
MIDSIZE SUVs, CURRENT MODELS
CRASH TEST RESULTS: 40 MPH FRONTAL OFFSET TEST

NEWLY TESTED

BEST PICK
 BEST PICK
 BEST PICK
 BEST PICK
 BEST PICK
 BEST PICK

	OVERALL RATING	Structure/ safety cage	INJURY MEASURES			Restraints and dummy kinematics
			Head/ neck	Chest	Legs left / right	
VOLVO XC90 2003 models test vehicle wt. = 4,617 lbs.	GOOD	GOOD	GOOD	GOOD	GOOD/GOOD	GOOD
BMW X5 2001-03 models (made after 6/2000) test vehicle wt. = 4,665 lbs.	GOOD	GOOD	GOOD	GOOD	GOOD/GOOD	GOOD
ACURA MDX 2001-03 models test vehicle wt. = 4,339 lbs.	GOOD	GOOD	GOOD	GOOD	GOOD/GOOD	GOOD
FORD EXPLORER MERCURY MOUNTAINEER 2002-03 models (made after 10/2001) test vehicle wt. = 4,511 lbs.	GOOD	GOOD	GOOD	GOOD	GOOD/ACCEPT.	GOOD
LINCOLN AVIATOR 2003 models						
MERCEDES M CLASS 1999-2003 models (made after 3/1999) test vehicle wt. = 4,445 lbs.	GOOD	GOOD	ACCEPT.	GOOD	GOOD/GOOD	GOOD
LEXUS RX 300 1999-2003 models test vehicle wt. = 3,973 lbs.	GOOD	ACCEPT.	GOOD	GOOD	GOOD/GOOD	GOOD
TOYOTA HIGHLANDER 2001-03 models test vehicle wt. = 3,880 lbs.	GOOD	GOOD	ACCEPT.	GOOD	GOOD/ACCEPT.	ACCEPT.
SUZUKI GRAND VITARA XL-7 2001-03 models test vehicle wt. = 3,682 lbs.	GOOD	GOOD	GOOD	GOOD	ACCEPT./GOOD	MARGINAL
MITSUBISHI MONTERO SPORT 2001-03 models test vehicle wt. = 4,151 lbs.	GOOD	GOOD	GOOD	GOOD	GOOD/MARGINAL	ACCEPT.
BUICK RENDEZVOUS 2002-03 models test vehicle wt. = 4,191 lbs.	ACCEPT.	ACCEPT.	GOOD	GOOD	GOOD/GOOD	MARGINAL
MITSUBISHI MONTERO 2001-03 models test vehicle wt. = 4,788 lbs.	ACCEPT.	GOOD	ACCEPT.	GOOD	MARGINAL/GOOD	MARGINAL

See next page for more midsize utility vehicle ratings.

CAUTION: Crash test results shouldn't be compared among vehicles with large weight differences. The weight range of the SUVs in this group is greater than in most other groups of vehicles the Institute has tested. However, since the weight benefit in two-vehicle crashes is only slight for vehicles weighing more than 4,000 pounds, and because a greater proportion of midsize SUV occupant deaths (compared with car occupant deaths) occur in single-vehicle crashes in which vehicle weight often offers no advantage, the test results for these vehicles can be compared.

Vehicles are rated good, acceptable, marginal, or poor based on performance in a 40 mph frontal offset test. Go to www.highwaysafety.org for more information about how vehicles are rated and to obtain ratings for hundreds of other vehicles, including earlier midsize SUV designs.

APPENDIX PAGE 4
MIDSIZE SUVs, CURRENT MODELS (CONTINUED)
CRASH TEST RESULTS: 40 MPH FRONTAL OFFSET TEST

	OVERALL RATING	Structure/ safety cage	INJURY MEASURES			Restraints and dummy kinematics
			Head/ neck	Chest	Legs left / right	
ISUZU AXIOM 2002-03 models test vehicle wt. = 4,109 lbs.	ACCEPT.	GOOD	ACCEPT.	GOOD	ACCEPT./MARGINAL	ACCEPT.
NISSAN XTERRA 2000-03 models (made after 9/1999) test vehicle wt. = 4,162 lbs.	ACCEPT.	GOOD	ACCEPT.	GOOD	GOOD/MARGINAL	MARGINAL
LAND ROVER DISCOVERY SERIES II 1999-2003 models (made after 10/1998) test vehicle wt. = 4,707 lbs.	ACCEPT.	ACCEPT.	GOOD	GOOD	POOR/ACCEPT.	ACCEPT.
DODGE DURANGO 1998-2003 models test vehicle wt. = 4,844 lbs.	ACCEPT.	ACCEPT.	GOOD	GOOD	POOR/GOOD	MARGINAL
CHEVROLET TRAILBLAZER GMC ENVOY OLDSMOBILE BRAVADA 2002-03 models test vehicle wt. = 4,544 lbs.	MARGINAL	ACCEPT.	ACCEPT.	ACCEPT.	GOOD/POOR	ACCEPT.
JEEP GRAND CHEROKEE 1999-2003 models test vehicle wt. = 3,968 lbs.	MARGINAL	MARGINAL	GOOD	GOOD	MARGINAL/ACCEPT.	MARGINAL
JEEP LIBERTY 2002-03 models test vehicle wt. = 4,100 lbs.	MARGINAL	GOOD	MARGINAL	GOOD	ACCEPT./GOOD	ACCEPT.
PONTIAC AZTEK 2001-03 models test vehicle wt. = 4,098 lbs.	MARGINAL	ACCEPT.	MARGINAL	GOOD	GOOD/GOOD	MARGINAL
NISSAN PATHFINDER INFINITI QX4 1997-2003 models (made after 10/1996) test vehicle wt. = 4,191 lbs.	MARGINAL	POOR	ACCEPT.	GOOD	GOOD/GOOD	MARGINAL
ISUZU RODEO 2002-03 models test vehicle wt. = 4,021 lbs.	MARGINAL	GOOD	MARGINAL	GOOD	ACCEPT./MARGINAL	ACCEPT.
CHEVROLET BLAZER 1995-2003 models test vehicle wt. = 4,103 lbs.	POOR	POOR	POOR	GOOD	GOOD/ACCEPT.	POOR

CAUTION: Crash test results shouldn't be compared among vehicles with large weight differences. The weight range of the SUVs in this group is greater than in most other groups of vehicles the Institute has tested. However, since the weight benefit in two-vehicle crashes is only slight for vehicles weighing more than 4,000 pounds, and because a greater proportion of midsize SUV occupant deaths (compared with car occupant deaths) occur in single-vehicle crashes in which vehicle weight often offers no advantage, the test results for these vehicles can be compared.

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