

Evaluations

Frontal Offset Crash Test Performance

	OVERALL EVALUATION	Structure/ Safety Cage	Injury Measures				Restraints/ Dummy Kinematics		
			Head/ Neck	Chest	Leg/Foot Left, Right				
Large pickups									
NEWLY TESTED	best pick	FORD F-150	G	G	G	G	G	G	
		2004 models test vehicle wt. = 5,185 lbs. <u>Note:</u> This is NOT the same design as the 2004 F-150 Heritage (see below).							
		TOYOTA TUNDRA	G	G	G	G	M	G	
		2000-04 models test vehicle wt. = 4,363 lbs.							
		DODGE RAM 1500	G	A	G	G	G	A	
		2002-04 models test vehicle wt. = 4,969 lbs.							
		CHEVROLET SILVERADO 1500	M	P	G	G	G	P	
		GMC SIERRA 1500							
		1999-2004 models test vehicle wt. = 4,709 lbs.							
		FORD F-150 HERITAGE	P	P	P	G	A	M	P
		2004 models test vehicle wt. = 4,475 lbs. <u>Note:</u> This is NOT the new F-150 design for 2004. The Heritage is the same design as the 1997-2003 Ford F-150 (see below). "Heritage" was added to the nameplate in 2004 to distinguish this truck from the redesigned F-150 (shown above).							
		Earlier large pickup designs:							
		DODGE RAM 1500	P	M	P	G	P	A	P
		1998-2001 models test vehicle wt. = 4,930 lbs.							
		FORD F-150	P	P	P	G	A	M	P
		1997-2003 models test vehicle wt. = 4,475 lbs.							

Turn page for more crashworthiness evaluations ↗

G GOOD **A** ACCEPTABLE **M** MARGINAL **P** POOR

Caution: The kinetic energy a vehicle must absorb in a crash test increases with vehicle weight, so barrier tests are more demanding of heavier vehicles. But people in heavier vehicles in real-world, 2-vehicle crashes typically fare better than people in lighter vehicles (in many single-vehicle crashes, weight offers no safety advantage). This is why **test results shouldn't be compared among vehicles with large weight differences.**

Go to www.highwaysafety.org: These pages summarize crashworthiness evaluations of large pickup trucks. The principal component of each vehicle's evaluation is its performance in a 40 mph frontal offset crash test. Details about each vehicle's test performance, including photos taken during and after the crash test, are available online at www.highwaysafety.org.

Frontal Offset Crash Test Performance

	OVERALL EVALUATION	Structure/ Safety Cage	Injury Measures				Restraints/ Dummy Kinematics
			Head/ Neck	Chest	Leg/Foot Left, Right		
Passenger vans							
best pick	G	G	G	G	G	G	G
best pick	G	G	A	G	G	G	G
NEWLY TESTED							
	G	A	G	G	G	G	A
	G	G	A	G	G	G	A
	A	A	A	G	G	G	M
	A	A	A	G	G	P	G
	A	A	A	G	A	P	G
	P	P	G	G	P	G	M
	P	P	P	G	P	P	M
Earlier passenger van designs:							
best pick	G	G	G	G	G	G	G
best pick	G	G	G	G	G	G	G

Turn page for more crashworthiness evaluations ↗

G GOOD **A** ACCEPTABLE **M** MARGINAL **P** POOR

Caution: The kinetic energy a vehicle must absorb in a crash test increases with vehicle weight, so barrier tests are more demanding of heavier vehicles. But people in heavier vehicles in real-world, 2-vehicle crashes typically fare better than people in lighter vehicles (in many single-vehicle crashes, weight offers no safety advantage). This is why **test results shouldn't be compared among vehicles with large weight differences.**

Go to www.highwaysafety.org: These pages summarize crashworthiness evaluations of passenger vans. The principal component of each vehicle's evaluation is its performance in a 40 mph frontal offset crash test. Details about each vehicle's test performance, including photos taken during and after the crash test, are available online at www.highwaysafety.org.

Passenger vans	OVERALL EVALUATION	Frontal Offset Crash Test Performance					
		Structure/ Safety Cage	Injury Measures				Restraints/ Dummy Kinematics
			Head/ Neck	Chest	Leg/Foot Left, Right		
FORD WINDSTAR 1999-2003 models test vehicle wt. = 4,131 lbs.	A	A	G	G	A	G	A
KIA SEDONA 2002 (mfg. before 4/2002) models test vehicle wt. = 4,665 lbs.	A	A	A	G	G	G	P
DODGE GRAND CARAVAN PLYMOUTH GRAND VOYAGER CHRYSLER TOWN & COUNTRY 1996-2000 models test vehicle wt. = 4,046 lbs.	M	A	G	G	P	P	A
MAZDA MPV 1996-98 models test vehicle wt. = 3,799 lbs.	M	M	G	G	M	A	M
NISSAN QUEST/MERCURY VILLAGER 1996-98 models test vehicle wt. = 3,834 lbs.	M	A	A	G	P	P	M
HONDA ODYSSEY 1995-98 models test vehicle wt. = 3,422 lbs.	M	P	G	G	A	P	A
ISUZU OASIS 1996-99 models							
FORD AEROSTAR 1992-97 models test vehicle wt. = 3,699 lbs.	P	P	A	G	P	G	M
NISSAN QUEST/MERCURY VILLAGER 1999-2002 models test vehicle wt. = 3,982 lbs.	P	P	A	G	P	A	P
TOYOTA PREVIA 1994-97 models test vehicle wt. = 3,810 lbs.	P	M	M	G	M	P	P
DODGE GRAND CARAVAN CHRYSLER TOWN & COUNTRY 2001 models avg. test vehicle wt. = 4,224 lbs.	P	P	A	G	A	P	G

End of crashworthiness evaluations

G GOOD **A** ACCEPTABLE **M** MARGINAL **P** POOR

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