

Air Bag Aggressivity Study

Air Bag Test Data

NHTSA has undertaken a test program to evaluate the aggressiveness of air bags to occupants who are out-of-position, in a vehicle crash, during air bag deployment. In addition, NHTSA is evaluating the potential to reduce air bag aggressiveness with new air bag designs and/or inflators with reduced output (De-Powered Systems). Current results of this test program can be downloaded from the table below. Brief explanations of test conditions are provided.

Please note: Newer test reports are available electronically by [querying the NHTSA database](#). Tests performed in or before 2004 (depending upon the test lab) may only be available from GWU. [Kathryn Agrali \[agralik@ncac.gwu.edu\]](mailto:agralik@ncac.gwu.edu) and [Jennifer A. Seaton \[jbehers@ncac.gwu.edu\]](mailto:jbehers@ncac.gwu.edu)

Air Bag Test Data:

Passenger-Side Testing --- Static Air Bag deployments with Out-of-Position Dummies				
Test #	Test Ref. #	Air Bag System Mounting Location	Dummy	Dummy Position
3361	03960001	B-94 Top-Mount	H-III 6-yr old	Position 2
3362	03960002	B-94 Top-Mount	H-III 6-yr old	Position 3
3363	03960003	B-94 Top-Mount	H-III 6-yr old	Position 2
3364	03960004	B-94 Top-Mount	H-III 6-yr old	Position 1
3365	03960005	B-94 Top-Mount	H-III 6-yr old	Position 2
3366	03960006	A-94 Mid-Mount	H-III 6-yr old	Position 3
3367	03960007	A-94 Mid-Mount	H-III 6-yr old	Position 2
3368	03960008	A-94 Mid-Mount	H-III 6-yr old	Position 3
3369	03960009	A-94 Mid-Mount	H-III 6-yr old	Position 2
3370	03960010	A-94 Mid-Mount	H-III 6-yr old	Position 1
3371	03960011	A-94 Mid-Mount	12-mnth CRABI	Position 4
3372	03960012	A-94 Mid-Mount	12-mnth CRABI	Position 4
3373	03960015	A-94-S Mid-Mount	H-III 6-yr old	Position 3
3374	03960016	A-94-S Mid-Mount	H-III 6-yr old	Position 1
3375	03960017	A-94 Mid-Mount	H-III 6-yr old	Position 3
3376	03960018	A-96 Top-Mount	H-III 6-yr old	Position 2
3377	03960019	A-96 Top-Mount	H-III 6-yr old	Position 1
3378	03960020	B-96 Mid-Mount	H-III 6-yr old	Position 2
3379	03960021	B-96 Mid-Mount	H-III 6-yr old	Position 3
3380	03960022	B-94 Top-Mount	H-III 6-yr old	Position 1
3381	03960023	B-94-D30 Top-Mount	H-III 6-yr old	Position 3
3382	03960024	B-94 Top-Mount	H-III 6-yr old	Position 2
3383	03960025	B-94-D30 Top-Mount	H-III 6-yr old	Position 2

3384	03960026	B-94-D60 Top-Mount	H-III 6-yr old	Position 1
3385	03960027	B-94-D60 Top-Mount	H-III 6-yr old	Position 2
3386	03960028	B-94-D60 Top-Mount	H-III 6-yr old	Position 3
3387	03960029	A-94 Mid-Mount	H-III 6-yr old	Position 2
3388	03960030	A-96 Top-Mount	H-III 6-yr old	Position 1
3389	03960031	B-94 Top-Mount	H-III 3-yr old	Position 2
3390	03960032	B-94 Top-Mount	H-III 3-yr old	Position 2
3391	03960033	B-94 Top-Mount	H-III 3-yr old	Position 2
3392	03960034	B-94-D60 Top-Mount	H-III 3-yr old	Position 2
3393	03960035	B-94-D30 Top-Mount	H-III 3-yr old	Position 2
3394	03960036	D-96 Top-Mount	H-III 3-yr old	Position 2
3395	03960037	D-96 Top-Mount	H-III 6-yr old	Position 2
Driver's-Side Testing --- Static Air Bag deployments with Out-of-Position Adult H-III 5th Female Dummy				
3345	D3960001	A-96	H-III 5TH FEMALE	Position 1
3346	D3960002	A-96	H-III 5TH FEMALE	Position 2
3347	D3960003	A-96	H-III 5TH FEMALE	Position 2
3348	D3960004	A-94	H-III 5TH FEMALE	Position 1
3349	D3960005	E-94	H-III 5TH FEMALE	Position 1
3350	D3960006	E-96	H-III 5TH FEMALE	Position 2
3351	D3960007	E-96	H-III 5TH FEMALE	Position 1
3352	D3960008	E-94	H-III 5TH FEMALE	Position 2
3353	D3960009	E-94	H-III 5TH FEMALE	Position 2
3354	D3960010	F-94	H-III 5TH FEMALE	Position 1
3355	D3960011	F-96	H-III 5TH FEMALE	Position 1
3356	D3960012	A-96	H-III 5TH FEMALE	Position 1
3357	D3960013	A-96	H-III 5TH FEMALE	Position 2
3358	D3960014	F-94	H-III 5TH FEMALE	Position 1
3359	D3960015	F-96	H-III 5TH FEMALE	Position 2
3360	D3960016	F-94	H-III 5TH FEMALE	Position 2
3693	D3960018	H-96	FIFTH PERCENTILE FEMALE	OOP 2
3694	D3960017	H-96	FIFTH PERCENTILE FEMALE	OOP 1

Passenger-Side Testing --- Static Air Bag deployments with Out-of-Position Dummies				
Test #	Test Ref. #	Air Bag System Mounting Location	Dummy	Dummy Position
3447	03960048	D-96 Top-Mount	H-III 3-yr old	Position 1
3448	03960049	D-96 Top-Mount	H-III 6-yr old	Position 1
3449	03960050	D-96-D18 Top-Mount	H-III 6-yr old	Position 1
3450	03960051	D-96-D18 Top-Mount	H-III 6-yr old	Position 2
3451	03960052	D-96-D18 Top-Mount	H-III 3-yr old	Position 1
3452	03960053	D-96-D18 Top-Mount	H-III 3-yr old	Position 2
3453	03960075 Replaces #36	D-96 Top-Mount	H-III 3-yr old	Position 2
3462	03960054	I-96 Top-Mount	H-III 3-yr old	Position 1
3463	03960055	I-96-D23 Top-Mount	H-III 3-yr old	Position 1
3464	03960056	I-96-D38 Top-Mount	H-III 3-yr old	Position 1
3465	03960057	I-96 Top-Mount	H-III 3-yr old	Position 2
3466	03960058	I-96-D23 Top-Mount	H-III 3-yr old	Position 2
3467	03960059	I-96-D38 Top-Mount	H-III 3-yr old	Position 2
3468	03960061	I-96 Top-Mount	H-III 6-yr old	Position 1
3469	03960062	I-96-D23 Top-Mount	H-III 6-yr old	Position 1
3470	03960063	I-96 Top-Mount	H-III 6-yr old	Position 2
3471	03960064	I-96-D23 Top-Mount	H-III 6-yr old	Position 2
3472	03960065	I-96 Top-Mount	H-III 6-yr old	Position 3
3473	03960066	I-96-D23 Top-Mount	H-III 6-yr old	Position 3
3474	03960067	I-96-D38 Top-Mount	H-III 6-yr old	Position 1
3475	03960068	I-96 Top-Mount	H-III 3-yr old	Position 2
3476	03960069	I-96-D23 Top-Mount	H-III 3-yr old	Position 1
208 Compliance Simulated Sled test, Passenger-Side				
3454	D-96-001	D-96 Top-Mount	50th Male	Sled Test, Passenger
3455	D-96-002	D-96-D18 Top-Mount	50th Male	Sled Test, Passenger
3456	I-96-001	I-96 Top-Mount	50th Male	Sled Test, Driver
3457	I-96-001	I-96 Top-Mount	50th Male	Sled Test, Passenger
3458	I-96-002	I-96-D25 Top-Mount	50th Male	Sled Test, Driver
3459	I-96-002	I-96-D23 Top-Mount	50th Male	Sled Test, Passenger
3460	I-96-003	I-96-D42 Top-Mount	50th Male	Sled Test, Driver
3461	I-96-003	I-96-D38 Top-Mount	50th Male	Sled Test, Passenger