## SAFETY TEST VEHICLE CRASH TEST LETTER

VC04561 30 MPH REAR BARRIER IMPACT, 5.2L. ITEM 3Z136 1993 MVSS 301 FUEL SYSTEM INTEGRITY COMPLIANCE. TEST DATE 05/04/92

PRIMARY, 1993 MVSS 301 COMPLIANCE. TEST PURPOSE DETERMINE FUEL SYSTEM INTEGRITY.

IMPACT TYPE TARGET SPEED; 30.2 MPH DAMAGE LOCATION; REAR IMPACT TYPE; BARRIER

BARRIER SURFACE: PLYWOOD

VEHICLE BODY CLASS; ZJ CAR LINE; J

74 BODY:

5.2 LITRE ENGINE;

ENGINE NOTE; MPI

TRANSMISSION; 4 SPEED AUTO 4X4
TRANS. NOTE; A518
VIN AS TESTED; 1J4GZ88Y0PC500025
VIN AS BUILT; 1J4GZ88Y0PC500025 MOD. MOD.

TEST SPEED 30.3 MPH BY ELECTRONIC TRAP TIMER.

TEST WEIGHT (LBS) 4834 TOTAL, 2726 FRONT, 2108 REAR

LEFT FRONT, HYB II, UNINSTRUMENTED. AD-63 OCCUPANTS RESTRAINT-3-PT. UNIBELT, A/B AND KNEE BLOCKER. RIGHT FRONT, HYB II, UNINSTRUMENTED. AD-67

RESTRAINT-3 POINT UNIBELT.

BUILD CONDITION 1993 C-1 PILOT, 5.2L 4X4, (P3ZJ-8136).

CORPORATE COLUMN - TILT.

CORPORATE STEERING WHEEL WITH AIRBAG. BUCKET SEATS (CLOTH) WITH MANUAL TRACKS. 5.2L ENGINE, AUTO. TRANS., P/S, ABS & A/C.

P235/75R15 TIRES ON 5-SPOKE STEEL WHEELS. FULL SIZE SPARE TIRE MOUNTED INSIDE LEFT REAR. SPARE TIRE CUP RETAINER P/N 52057921 - PROPOSED

POLYPROPOLENE MATERIAL.

NON-PRODUCTION REAR PROP SHAFT, 1 INCH SHORT.

249 TRANSFER CASE. FULL FLOOR CONSOLE.

ROOF RACK.

TARGET WEIGHT (LBS) 4196 TOTAL, 2353 FRONT, 1843 REAR REP MAX OPT WT. NOT INCLUDING OCCUPANTS OR LUGGAGE BALLAST.

514-15-58 (AB) 422-05-01 (AB)

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E.A. ZYLIK

W.R. HARBAUGH

FUEL AND BALLAST 21.7 GAL. STODDARD. 300 LBS. OF LUGGAGE BALLAST SECURED IN CARGO AREA. POST TEST REMARKS THERE WAS NO FUEL LEAKAGE DURING IMPACT, NOR DUR-ING THE SUBSEQUENT THIRTY MINUTES. THERE WAS NO FUEL LEAKAGE DURING THE STATIC ROLLOVER. A = TRANSDUCER DATA
C = HIGH SPEED FILM
E = DUMMY KINEMATICS
D = ENGINEER'S REPORT
F = STEERING COLUMN
C = INDERBODY REPORT CODES G = UNDERBODY H = A-POST
I = DYNAMIC CRUSH J = ENGINE COMPARTMENT
K = DOOR CRUSH L = FORCE/CRUSH/ENERGY
M - SPECIAL N = CATALOG EDP DATA \* = REPORT REQUESTOR DISTRIBUTION W.A. BREITMOSER, JR. 422-05-01 (AB) 418-42-27 (AB) J.W. HANIKA T.P. MAULE 422-05-01 (A)