

SAFETY TEST
VEHICLE CRASH TEST LETTER

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VC05927 30 MPH REAR BARRIER, ZJJ74, 5.2L MPI ITEM ZJ8243
1997 MVSS DEVELOPMENT - 301.
TEST DATE 05/09/96

TEST PURPOSE PRIMARY, 1997 USA 301 DEVELOPMENT.
OBSERVE FUEL SYSTEM INTEGRITY.

IMPACT TYPE TARGET SPEED; 30.1 MPH
DAMAGE LOCATION; REAR
BARRIER TYPE; REAR TYPE IV
BARRIER SURFACE; PLYWOOD

VEHICLE BODY CLASS; ZJ
CAR LINE; J
BODY; 74
ENGINE; 5.2 LITRE
ENGINE NOTE; ELECTRONIC FUEL INJECTION
TRANSMISSION; 4 SPEED AUTO 4x4
TRANS. NOTE;
VIN AS TESTED; 1J4EZ78Y2TC151272 MOD.
VIN AS BUILT; 1J4EZ78Y2TC151272 MOD.

TEST SPEED 30.1 MPH BY ELECTRONIC TRAP TIMER.

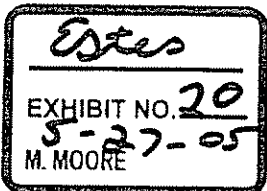
TEST WEIGHT (LBS) 4826 TOTAL, 2779 FRONT 2047 REAR

OCCUPANTS LEFT FRONT, HYB II, BALLAST. AD-63
RESTRAINT-BELTS ONLY.
RIGHT FRONT, HYB II, BALLAST. AD-67
RESTRAINT-BELTS ONLY.

BUILD CONDITION 1996 PRODUCTION ZJ MODIFIED TO REPRESENT 1997.
5.2 LITRE (V8) ENGINE, 4 SPEED AUTO TRANS, 4X4,
POWER STEERING, ABS BRAKES, AIR CONDITIONING.
FULL CENTER CONSOLE AND OVERHEAD CONSOLE.
SUNROOF AND FULL ROOF RACK.
P225/70 R16 TIRES ON ALUMINUM RIMS & FULL SIZE
SPARE.
1997 FUEL SENDING UNIT AND 1997 FUEL TANK DESIGN,
FULL TRAILER HITCH, NO SKID PLATE, NO BRACKET.

TARGET WEIGHT (LBS) 4185 TOTAL, 2336 FRONT, 1849 REAR, REP MAX OPT WT.
NOT INCLUDING OCCUPANTS OR LUGGAGE BALLAST.

FUEL AND BALLAST 21.5 GALLONS OF STODDARD SOLVENT.
300 LBS OF LUGGAGE BALLAST SECURED IN CARGO AREA.



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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.

REPORT CODES A = TRANSDUCER DATA B = ALL FILM DATA
 C = HIGH SPEED FILM D = ENGINEER'S REPORT
 E = DUMMY KINEMATICS F = STEERING COLUMN
 G = UNDERBCDY 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 M.T. STEBELETON 422-05-01 (AB)
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DATE 05/10/96 TIME 09.58.53.

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