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SAFETY TEST VEHICI" CRASH TEST LETTER

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MOD.

MOD.

AD-59

VCO /9 17 50 MPH 7G% REAR OFFSET ITEM WJ5660 TEST FOR POTENTIAL FAVSS 301 REQUIREMENT TEST DATE 11/18/99

2004.5 MULE FOR STRUCTURAL EVALUATION.

TEST FURPOSE

PRIMARY, 2004 USA 301 DEVELOPMENT. DETERMINE FUEL SYSTEM INTEGRITY.

IMPACT TYPE

TARGET SPEED: 50.1 MPH DAMAGE LOCATION; REAR LEFT BARRIER TYPE: SPECIAL BARRIER SURFACE: HEXCELL

VEHICLE

BODY CLASS: MK CAR LINE: J BODY: 74

ENGINE:

4.7 LITRE ENGINE NOTE: ELECTRONIC FUEL INJECTION

TRANSMISSION; 4 SPEED AUTO 4x4

TRANS. NOTE; 45RFE TRANSMISSION VIN AS TESTED; 1J4GW58N*C*570279 VIN AS BUILT; 1J4GW58N5XC570279

TEST SPEED

49.8 MPH BY FILM ANALYSIS

TEST WEIGHT (LBS)

4664 TOTAL, 2031 FRONT, 2633 REAR

OCCUPANTS

LEFT FRONT, 50% HYBRID II, BALLAST RESTRAINT -- SEAT BELT.

RIGHT FRONT, 50% HYBRID II. BALLAST AD-60

RESTRAINT -- SEAT BELT.

BUILD CONDITION

2004.5 MODEL YEAR "WK" BODY STRUCTURAL MULE BASED ON CURRENT WJ BODY WITH STRUCTURAL MODIFICATIONS TO BRING BODY TO WK CONCEPT.

- STRUCTURAL CAGE TO REPRESENT OF HODEL YEAR CONCEPT.

- REAR LCA TO BODY BRACKET REINPORCEMENT.

- REAR LCA TO AXLE BRACKET REINFORCEMENT.

- KJ BODY REAR BUMPER BEAM INSTALLED.

- KICK-UP ARPA REINFORCEMENT.

TARGET WEIGHT (LBS) 4020 TOTAL. REPRESENTS BASE WEIGHT VEHICLE. APPROXIMATE TEST WEIGHT = 4650 (4020+330+300=4650)

FUEL AND BALLAST

19.0 GALLONS OF STODDARD SOLVENT.

300 LBS.

25 LBS UNDER REAR SEAT

PLAINTIFFS' EXHIBIT

15a

