



SPECTRA (LD) OCS Damage Inspection Results (Occupant Classification System)

INFORMATION Redacted PURSUANT TO THE FREEDOM
OF INFORMATION ACT (FOIA), 5 U.S.C. 552(B)(6)

01.09.2009

Quality Testing Team

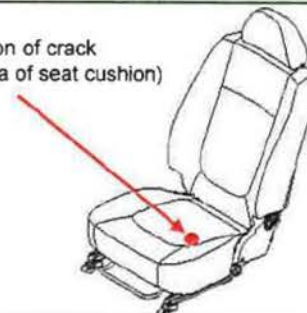


1. Purpose

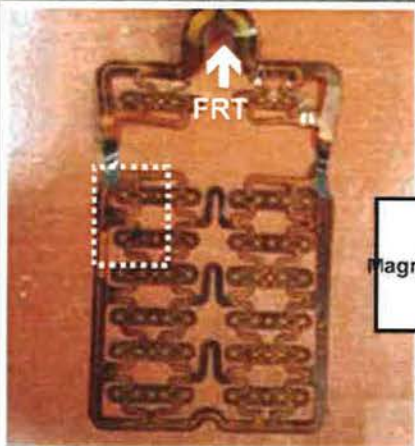
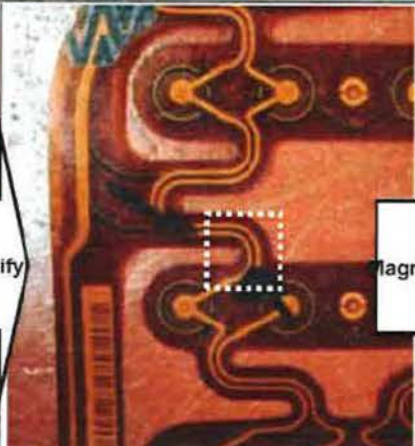
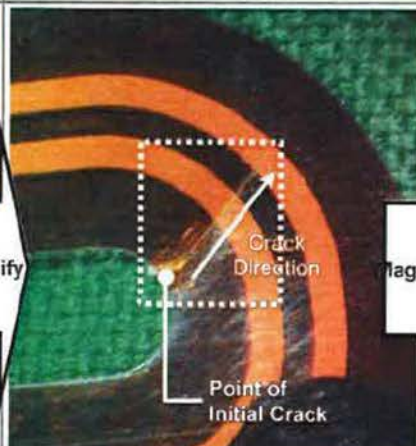
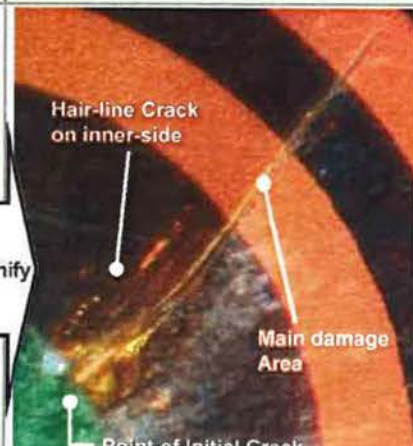
To report warranty return part inspection results regarding North America LD Spectra Airbag Light ON Issue due to OCS damage

(QIR:B28VA2008120603, VIN:KNAFE121075 [REDACTED] Production:4.9.2007, Mileage:19288mile, N. America 3 cases)

Location of crack
(Left-front area of seat cushion)



2. Inspection Results

Category	Product Top View	Cracked Area	Cracked Bridge	Pattern of Crack
Pattern of Crack				
Remarks	<ul style="list-style-type: none"> Found crack in left-front area of seat cushion 	<ul style="list-style-type: none"> Crack on the 3rd row bridge from the left 	<ul style="list-style-type: none"> Initial crack at the inner-side of bridge due to tensile stress Then, crack was expanded to the upper/outer side 	<ul style="list-style-type: none"> Identified hair-line crack near the initial point of crack - due to repeated weight pressure by angular objects
Conclusion	<ul style="list-style-type: none"> Crack was due to tensile stress on the corner area by weight pressure of angular objects 			

**KOREAN
DOCUMENT**



스펙트라(LD) OCS 손상관련 분석결과 보고

(Occupant Classification System : 승객탑승감지시스템)

2009. 01. 09

품질시험팀



1. 목적

북미 스펙트라(LD) 차량 동승석 OCS 손상으로 인한 A/BAG 경고등 점등 관련 고품 표면 분석 결과를 보고함

(QIR: B28VA2008120603, VIN: KNAFE121075 [REDACTED] 생산:'07.4.9, 주행거리:19288mile, 북미 3건)

크랙발생 위치
(쿠션부 좌측 앞부분)



2. 시험결과

구분	제품전면	파손발생부	파손 브릿지	파손양상
파손양상				
비고	<ul style="list-style-type: none"> 시트 쿠션부 좌측 앞부분에서 손상 발생됨 	<ul style="list-style-type: none"> 좌측 세번째열 브릿지 부분에서 파손 발생됨 	<ul style="list-style-type: none"> 인장응력에 의하여 브릿지 코너부 내측 최초 파손 이후, 위쪽으로 파손 진행됨 	<ul style="list-style-type: none"> 파손기점부 주변 실크랙 관찰됨 - 각이 있는 물체로 반복적으로 눌림에 의해 발생

결론

● 각이 있는 물체에 의한 하중 및 코너부 인장응력에 의한 파손으로 판단됨