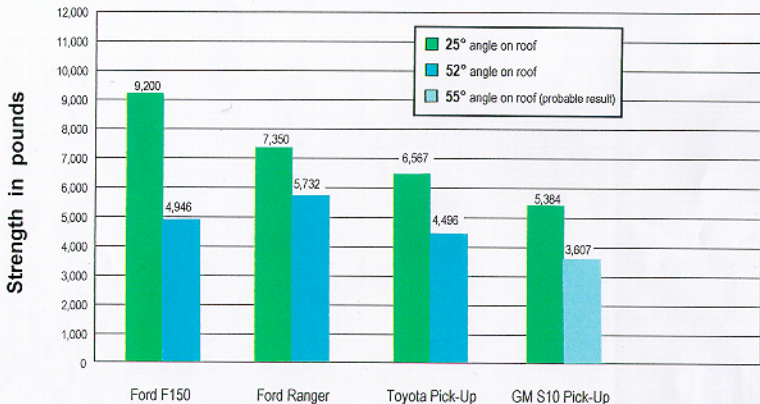


# Roof Crush Tests



Reduction in strength when tested laterally - 52° angle on roof

IN EVIDENCE

Plaintiff's  
EXHIBIT

Ford F150      **46%** reduction  
Ford Ranger    **22%** reduction  
Toyota Pick-up **32%** reduction

GM S10 Pick-up    **33%** probable reduction in strength

**33%** average reduction in roof strength

**BLOW-UP**

## 1992 S/T Cab Pick Up ROOF STRENGTH

BLOW-UP

### G L A Z I N G

Lambert v. GM

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Plaintiff's  
EXHIBIT

IN EVIDENCE

FMVSS 216 with glass - **5,614 pounds**  
FMVSS 216 without glass - **3,600 pounds** = **36%** reduction in roof strength

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## 1981 S10 Pick Up PROBABLE ROOF STRENGTH

### G L A Z I N G

FMVSS 216 with glass - **5,384 pounds**  
FMVSS 216 without glass - **3,446 pounds** = **36%** reduction in roof strength

### CRUSH ANGLE

**25°** angle on roof **5,384 pounds**  
**55°** angle on roof **3,607 pounds** = **33%** reduction in roof strength

PROBABLE RESULT tested without glass at **55°** angle on roof = **2,308 pounds**