



**VEHICLE FACTORS GROUP CHAIRMAN'S FACTUAL REPORT
ATTACHMENT**

Ford QVM Excursion Guidance December 2002

Schoharie, New York

HWY19MH001

(2 pages)



**Lincoln Product Development
Lincoln Special Engineering Operations
QVM Engineering**

December 3, 2002

All QVM Manufacturers

Subject: 140" Stretch Excursion Authorization

As indicated at the Limo Digest Show in Atlantic City 4 November 2002, QVM Engineering is authorizing the conversion of Ford Excursion for QVM participants up to 140-inch stretch with the following MANDATORY restrictions:

- Maximum **GVW is 11,000 lbs** including full fluids (gas, coolant, etc), all options as delivered to end user, and a maximum of **15 passengers including the driver**
- **Completed Limousines are NOT certified for sale to customers in California, Massachusetts and Maine**
- **LT265/ 70R16 AS BSW Pirelli Tyres are required.** These tyres are not yet available (Pirelli part # 1442300) but are promised by the supplier sometime in December...QVM Engineering will notify you when they are available at local dealers.
- **Per FMCSA Part 393, Drive shaft safety loops are required at any splined joints of the drive shaft and** Emergency equipment including fire extinguisher and emergency road marker devices are required to be in the vehicle when delivered
- **Intermediate (amber) side marker lights and reflectors** meeting FMVSS108 are required at the midpoint of both sides and minimum height above ground of 15 inches to the center of the light/reflector.
- Compliance to FMVSS217 requires roof and side emergency exits. QVM requires **side emergency push out windows and push out roof exit windows. Minimum opening area for each side exit is 402 sq in and minimum size for roof opening is 19.125 in x 19.125 in for Excursion Limousines over 10,000lbs or over 10 total occupants.** Rear doors and rear café doors/hatch are **NOT ACCEPTABLE FOR FMVSS217 compliance on QVM Limousines.** Emergency side window exits are available from SE-GI Products, 1900 2nd Street, Norco, CA 92860 (contact: Mike Gino, 909.737.8320). Emergency roof exits are available from Bomar (division of Pompanette), South West Street, Charlestown, NH 03603 (contact: Paul Adams, 603.826.5791). Roof Exits that meet minimum QVM/FMVSS guidelines are Bomar part number N1039-10CXIOW (White frame, Smoked acrylic lens, inside/outside opening) and N1039-10CXIOB (same w/Black frame). QVM does not require that you use these specific emergency exits, however, if you use an alternative product you must provide QVM Engineering with evidence of compliance with FMVSS217 for the substituted product. Both SE-GI and Bomar have committed to provide QVM Engineering with evidence of compliance for their products and this evidence will be forwarded to you as soon as it is received by Ford. **Emergency Exit Identification (labels) must comply with FMVSS 217 (CFR49 571.217 S5.5)**
- Audible back-up devices are not required.
- **ALL QVM requirements currently in place for QVM Excursion Limousines apply to this program unless otherwise specifically modified above or by future guidelines or FMVSS/CMVSS requirements.**

NB: NO 140' Excursion Limousine/Bus can be delivered to any customer for any reason until you (the QVM) have received a specific written notification from QVM Engineering that we have inspected your completed conversion **AND** reviewed your FMVSS Compliance statements (see attached list) **AND** approve your company to begin selling 140' Stretch QVM Excursions. Any violation of this policy will result in loss of QVM status and benefits for a period of not less than 6 months. This policy is re-stated here for your benefit as a reminder of the stated policy on 4 November 2002.

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QVM Engineering Mgr.

Attachments : FMVSS105 Test Data, Bus applicable FMVSS Standards