

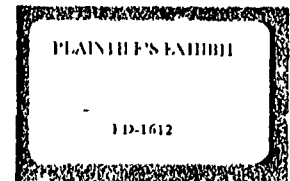


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Index Office

Car Product Development

January 6, 1984



✓ Mr. H. Epstein
✓ Mr. R. J. Donnellan

Subject: New Asbestos Removal Direction (Product)

Would you please review the attached draft Car Program Direction Letter, attachments and related draft letter to Truck and Tractor Engineering management.

These direct (with firm timing) the elimination of asbestos in all friction product uses, particularly brakes. Previous direction was necessarily qualified due to unknown technical and cost issues.

As background, I've included copies of the original 8/81 Direction Letter, our 11/28/83 position paper and E&SE 12/9/83 recommendations (which OGC previously concurred in). We would appreciate your phone comments to Mr. Dennis McCarthy, ext. 30390 sometime Monday, January 9, if possible to enable prompt processing of the letter.

J. B. Knoeri
J. B. Knoeri
Supplier Research,
Materials & Fasteners
AVET

Attachments

D2-268

1/9/84.. discussed w/ Bob Husen. Husen 444134
OK. L-J Bawer. Rem 1049 Bldg 3

8006 1173

SCF-FORD-3425

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Car Program Direction Letter

(CONFIDENTIAL)

☐ Initial Direction	Letter Control # <u>82 GEN-E-957</u>	Date <u>August 18, 1981</u>
☒ Supplements Ltr		
☐ Supersedes Ltr		

Subject Toxic Substance Plan for Removing Asbestos
 Reference Authority New Designs: CEPL#10; Carryover Design; Report of Task Force on Carcinogens

ENGINEERING PRIORITY: ☒ In the Workplace accepted by E&E Subcommittee 5-27-80.
☒ Action Release ☐ Investigate Thru Feasibility ☐ Investigate Paper Study ☐ Other (See text)

PRIMARY CAUSAL FACTOR: ☐ Prod. Appeal ☒ Prod. Funct. ☐ Cost Red. ☐ Warr./Rel.
☐ Safety ☐ Damageability ☐ Emissions ☐ Noise ☐ Fuel Economy
 VIN Affected Yes ☐ No ☒
 PCR PS991614

PROTOTYPE EFFECT: Proto Matl Req'd ☐ Yes ☒ No
 Matl Proto Appeal Affected ☐ Yes ☒ No

CHANGE REQUEST CLASS	CHANGE TO BE EFFECTED	PULL AHEAD TO PROOF MODEL YEAR	COMPLEXITY
Emergency ☐ Yes ☒ No	Post Job No. 1 (ASAP) ☐ Job No. 1 ☐ Sched ☒ Use/Exhaust ☐ Mid-Year	☐ Yes ☒ No	End Item (Inc)/Dec

CAR LINE#	☐ Escort ☐ Mustang ☐ Granada ☐ XR7 ☐ Lincoln Town Car
☒ All	☐ Lyma ☐ Capri ☐ Cougar ☐ T-Bird ☐ Mark
	☐ EXP ☐ Fairmont ☐ Ford ☐ Continental
	☐ Lyma LN7 ☐ Zephyr ☐ Merc

MODEL/S/CODES	ENGINE/S/CODES	TRANSMISSIONS/S/CODES	OPTION CODES
<u>All</u>	<u>All</u>	<u>All</u>	

Affect Application: ☒ 49 States ☒ Canl ☒ Canada ☒ All/World ☐ Other (See text)

PROGRAM PURPOSE AND DIRECTION

This letter directs NAAO and DPO Product Engineering Offices to remove asbestos from production parts and materials following objectives set out in the attached table. These objectives are consistent with asbestos removal plans submitted in response to Car Program Direction Letter 81GEN-E-957 (including those of Light Truck).

These objectives assume removal actions will be taken by incorporation of substitutes for asbestos into new designs and also into carryover materials and parts over the next three to four years. These substitutes must not present an unreasonable risk of injury to health or the environment. Vehicle Office authorization for engineering expenditures and for design costs will be on an exception basis only, since for substitutions accomplished to date, these cost have been contained within Division budgets. If fixed and/or variable costs appear significant or an excessive engineering effort is required, asbestos removal actions should be reviewed with the Vehicle Design Office before costs are incurred for difficult to achieve or disproportionately expensive substitutions.

Accomplishments will be tracked and reported annually by Vehicle Materials Development and Planning (VMD&P). VMD&P will also be responsible for coordination of advanced engineering budget items that may incur significant cost penalties (e.g., brakes) and preparation of supplementary Program Direction Letters directing specific accelerated actions if and where necessary.

In order to consolidate all actions within North America, Heavy Truck and Tractor are requested to review these objectives and participate in the reporting scheme.

NAAO Timing Control Manager	<u>[Signature]</u> 7/10/81	<u>[Signature]</u> 8/16/81
Prepared By	<u>[Signature]</u> 7/10/81	<u>[Signature]</u> 8/17
E. A. Hubert	G. F. Bolling	
Engineer	Per	Per

8006 1174

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