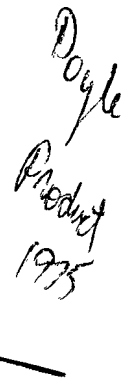
FILE NAME: Ford (FD)

DATE: 1975-1976

DOC#: FD128

DOCUMENT DESCRIPTION: Tech Service Bulletins with Memos & Letters

The sticky note shown below was written by Barry Castleman and attached to the page immediately following this one along the right margin at the spot marked on the next page with an X



225 STEVENS STREET, GRAND RAPIDS, MICHIGAN 49502 • PHONE (616) 245-0455



DOYLE VACUUM CLEANER COMPANY

May 30, 1975

Mr. S. F. Svoboda
Ford Service Research Center
18751 Oakwood Blvd.
Dearborn, Michigan 48121

Dear Stan:

Enclosed is description of Model AARE 705476 vacuum cleaner for brake service dust recovery, drawings and photos of the product.

Filtration separation and dust retention data have not been included since all such testing was conducted by the Industrial Hygiene Department of Ford Motor Company, their data was never made available to us, and we have relied solely on their acceptance.

Since this product was developed at our expense on the specific request of Ford Service Research Center, we are not able to offer any warranty as to the suitability for brake service dust recovery and our quotation to Ford Purchasing contains a warranty statement to this effect, copy enclosed.

We are still waiting approval of the CAUTION and INSTRUCTION label by Ford legal. We must hold up ordering such labels. We do feel that we should add a statement to the label indicating that all disposable filters should be replaced when the paper collector bag is 1/2 filled with dust or after decontamination. Will you please expedite action by Ford legal.

I trust this is the material you need.

Cordially,

DOYLE VACUUM CLEANER COMPANY

Jack Doyle
President

JD/cp

002767

PRODUCED BY FORD

6/10/75

Ford Marketing Corporation
Ford Customer Service Division

Service Research Center
18751 Oakwood Blvd.
Dearborn, Michigan 48121

June 10, 1975

Mr. Jack Doyle
Doyle Vacuum Cleaner Company
225 Stevens Street
Grand Rapids, Michigan 49502

Dear Jack:

This is in regard to the Rotunda/Doyle asbestos dust vacuum cleaner project.

The prototype unit model AARE 705-475 serial number 1027 submitted for fiber emission testing conforms to current OSHA Threshold Limit Values TLV. Our tests also reflect compliance with the two fibers greater than five microns in length per milliliter requirement scheduled for OSHA implementation July 1, 1976. All tests were performed according to OSHA regulations by the University of Cincinnati Medical Center, 3223 Eden Avenue, Cincinnati, Ohio 45219.

As you requested, we have enclosed a copy of the test data. On the basis of our test, the vacuum cleaner model AARE 705-475 when properly maintained would be acceptable from a fiber emission standpoint for use in the cleaning of dust from brake or clutch assemblies. However, we recommend that Doyle continue to test production units on a lot sample basis. Our contact at the University of Cincinnati's Kettering Laboratory is Dr. Dave Yeager, Assistant Professor Environmental Health, telephone (513) 872-5700.

In regard to the "caution label", Ford Office of the General Counsel advises that the heading should read as follows:

CAUTION
CONTAINS ASBESTOS FIBERS
AVOID CREATING DUST
BREATHING ASBESTOS DUST MAY CAUSE
SERIOUS BODILY HARM

A revised label should be provided for review by our Legal Department.

002765

PRODUCED BY FORD

We have reviewed your letter and quotation of May 30, 1975. Ford Motor Company is not in the position to concur with the terms as set forth in the first paragraph of Doyle's proposal under the heading Warranty Information for Rotunda Vacuum Cleaner Model No. AARE 705476. Ford Rotunda's standard liability clause would apply. This has been reviewed with our contract attorney, Mr. G. D. Ducharme. He is prepared to further clarify Ford's position and can be reached on telephone (313) 323-0123.

In addition, Ford Rotunda's Performance Specification for the vacuum cleaner model AARE 705-475 requires that the unit meet all present and future OSHA standards including the OSHA TLV scheduled for July 1, 1976. This requirement should be incorporated in the specifications submitted with your quotation.

We hope that we have been of assistance and look forward to your reply.

Sincerely,

A. N. Updegrove

cc G. D. Ducharme
O. M. Julien
P. J. Keegan
W. Rooney
S. F. Svoboda

002766

PRODUCED BY FORD

7/15/75

Ford Marketing Corporation
Inter Office Communication

Ford Customer Service Division
Service Research Center

July 15, 1975

Mr. O. M. Julien
Mr. P. J. Keegan

Subject: Asbestos Dust Cleaner Warranty

For the past several weeks Stan Svoboda has been working with Doyle Vacuum Cleaner Company to establish a warranty for the new Asbestos Dust Vacuum Cleaner. Both our Office of the General Counsel and Jack Doyle's legal representatives have been involved. A copy of the suggested warranty is attached for your review.

The summation of their negotiation is that Doyle is suggesting a warranty for the basic machine with disclaimers against the capability of the machine to collect asbestos dust. Gerry Ducharme has suggested this disclaimer is acceptable based on the fact that we are forced to accept the University of Cincinnati's test results in absence of ours and Doyles' lack of technical expertise in the area of particle density measurement.

At this time we need your approval for the disclaimer warranty in order to finalize the PN. May we have your concurrence to proceed.

A. N. Updegrove

Concur _____
O. M. Julien

Concur _____
P. J. Keegan

002779

PRODUCED BY FORD

file: asbestos

Intra Company

September 4, 1975

Mr. C. R. Weed, Manager
Training and Publications Department
Ford Parts and Services Division

As requested, we reviewed your brake service manual and agree that the locations you have noted are appropriate for insertion of the asbestos fiber cautions. We believe these cautions should consist of language similar to the following:

CAUTION: Dust and dirt present on brake assemblies and drums may contain asbestos fibers that can represent a potential health hazard when made airborne by cleaning with compressed air. Brake assemblies and drums should therefore be cleaned only with a vacuum cleaner suitable for use with asbestos fibers. This type of vacuum is available through the Rotunda Dealer Equipment Catalog. Dust and dirt from the vacuum should be disposed of in a manner that prevents dust exposure.

Any machining done on brake linings or pads should be done using properly exhaust ventilated equipment.

Further information on asbestos fiber control can be obtained from the Federal Register May 28, 1975, Occupational Safety and Health Standards Section 1910.1001.

This project should also be coordinated with A. N. Updegrove, Supervisor, Rotunda Evaluation. Mr. Updegrove's personnel have been involved in marketing a vacuum cleaner suitable for use on asbestos fiber laden material.

Paul E. Toth, Supervisor
Industrial Hygiene Section

cc: A. N. Updegrove

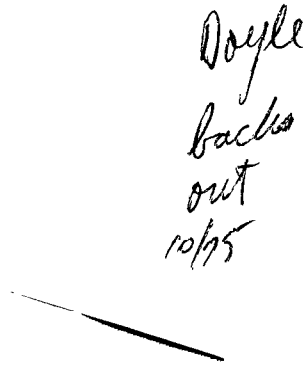
007905

EXHIBIT
21 ROSINSKI
4-22-03

PENCAD-Bayonne, N. J.

PRODUCED BY FORD

The sticky note shown below was written by Barry Castleman and attached to the page immediately following this one along the right margin at the spot marked on the next page with an X



10/2/75

Start ADVC file

Inter Office

Ford Marketing Corporation
Ford Customer Service Division
Service Research Center

October 2, 1975

Mr. C. R. Weed

cc R. E. Donley
P. E. Toth
A. N. Updegrove

Subject: Asbestos Dust Vacuum Cleaner Availability

A recent letter addressed to you from Mr. Paul E. Toth, Ford Industrial Hygiene, indicates the need for cautioning technicians against the practice of blowing the dust from brake assemblies prior to their overhaul. This letter recommends reflecting the use of the new Rotunda Asbestos Dust Vacuum Cleaner for cleaning these assemblies.

Recent developments with our supplier have caused him second thoughts regarding the manufacture of the Asbestos Dust Vacuum Cleaners. This has resulted in an indefinite hold on the availability of an Asbestos Dust Vacuum Cleaner. Further, we are unable at this time to offer any potential availability dates. We will keep you advised of developments.

O. M. Julian

003865

PRODUCED BY FORD

TECHNICAL SERVICE BULLETIN

FORD PARTS AND SERVICE DIVISION

OCTOBER 24, 1975 — BULLETIN NUMBER 99

FORD — MERCURY LINCOLN — FORD TRUCKS

"Our goal: No unhappy owners."

BULLETIN CONTENTS

ARTICLE NO.		FORD	PAGE
GENERAL			
1264	1976 MODEL RADIO FLOAT PROGRAM	1976 ALL CARS EQUIPPED WITH AM FM MONAURAL, AM FM-MPX, AM-FM STEREO TAPE AND AM FM STEREO SIGNAL SEARCH	1
BODY			
1265	DOOR TRIM PANEL - BULGE AND/OR MOULDING CRACKS IN PULL HANDLE AREA	1975 FORD MODELS 53L 60L	5
1266	FRONT SEAT BACK ANGLE ADJUSTMENT	1975 ½ GRANADA EQUIPPED WITH FLIGHT BENCH SEAT - MODELS 54H & K	6
1267	HEADLAMP COVER ORNAMENT ASSEMBLY PLASTIC INSERT MISSING	1975 FORD ALL VEHICLES SO EQUIPPED	7
1268	INSTRUMENT PANEL GLOVE BOX DOOR REPAIR	1974-75 MUSTANG	8
CHASSIS			
1269	BRAKE ASBESTOS FIBER DUST REMOVAL	ALL YEARS - ALL CAR LINES	8
1270	UPPER AND LOWER BALL JOINT INSPECTION PROCEDURE	ALL 1974 - 1976 CAR LINES	9
ELECTRICAL			
1271	A C CONDENSER REFRIGERANT LEAK	1974, 75 & 76 TORINO AND ELITE	11
1272	AM/FM/MPX STEREO SEARCH RADIO OPTION	1976 FORD, THUNDERBIRD AND ELITE SO EQUIPPED	11
1273	ANTI-THEFT ALARM SYSTEM - IMPROVED DIAGNOSIS	ALL VEHICLES SO EQUIPPED	12
1274	BRAKE WARNING LIGHT FUNCTIONS	1976 - ALL CARLINES	13
1275	DOOR AJAR WARNING LIGHT STAYS ON WITH ALL DOORS CLOSED AND LATCHED	1975 /6 THUNDERBIRD (TORINO TAXI ONLY) AND MUSTANG (ALL SO EQUIPPED)	14
1276	IGNITION COIL CAPACITOR WASHER MISSING	1976 FORD, TORINO, AND ELITE WITH 351 M or 400 CID ENGINES	14

(Continued on Page 2)

Service Manager	Parts Manager	Service Writer	Technician	Page

002894

PRODUCED BY FORD

Article No. 1267

HEADLAMP COVER ORNAMENT ASSEMBLY –PLASTIC INSERT MISSING

FORD

1975 FORD ALL VEHICLES SO EQUIPPED

On vehicles encountered with the plastic insert (medallion) missing from the headlamp door ornament, the ornament assembly must be replaced. However, should the insert be retrievable, the part can be effectively recemented to the ornament housing using pressure activated vinyl adhesive kit part number D2AZ 19554-A. Follow the instructions on the label.

PART NUMBER	PART NAME	CLASS
D5AZ 13A186-A	Ornament assembly	B
D2AZ-19554-A	Pressure Activated Vinyl Adhesive Kit	B

WARRANTY STATUS: Reimbursable within the provisions of the Warranty and Policy Manual.

OPERATION SP-13186-A-75

TIME 0.3 Hr. - Replace Ornament. 0.2 Hr. - Cement Ornament Insert

DLR. CODING: Basic Part Number 7013A186 - Code 33.

Article No. 1268

INSTRUMENT PANEL GLOVE BOX DOOR REPAIR

FORD

1974-75 MUSTANG

The glove box door is retained to the door inner panel by integral plastic studs that are staked over. Glove box doors with broken staking but no other damage can be satisfactorily repaired by installation of washer head screws, using the following procedure:

1. Remove the glove box door from vehicle and place on a clean work bench.
2. Using a hand held 3/8" twist drill (wrap tape over the sharp edges of the flutes), remove the broken plastic stakes. Remove sufficient stud material so that the washer head screw(s) (No. 8-18 x 1/2") can clamp the inner panel to the door.
3. Install No. 8-18 x 1/2" washer head screws (procure locally).
4. Install glove box door in vehicle and adjust door utilizing the in-and-out adjustment of the lock striker.

WARRANTY STATUS: Reimbursable within the provisions of the Warranty and Policy Manual

OPERATION: SP-06024-A-75

TIME 0.3 Hr.

DLR. CODING. Basic Part No. 70 024 - Code 01

CHASSIS

Article No. 1269

BRAKE ASBESTOS FIBER DUST REMOVAL

FORD

ALL YEARS - ALL CAR LINES

LINCOLN-MERCURY

ALL YEARS - ALL CAR LINES

TRUCKS

ALL YEARS - ALL TRUCK SERIES

The following Caution Note should be cross referenced in Group 12, Volume I of the Car and Truck Shop Manuals when performing wheel brake repairs.

CAUTION: **Dust and dirt conditions present on wheel brake assemblies and rotors and drums, may contain asbestos fibers that can represent a potential health hazard when made airborne by cleaning with compressed air.**

All wheel brake assemblies should therefore be cleaned only with a vacuum cleaner suitable for use with asbestos fibers. This type of vacuum cleaner is available through the Rotunda Dealer Equipment Catalog. Dust and dirt from the vacuum cleaner should be disposed of in a manner that prevents dust exposure.

Any repairs done on brake linings, pads, rotors and drums, should be done using properly exhaust ventilated equipment

WARRANTY STATUS: "INFORMATION ONLY"

TECHNICAL SERVICE BULLETIN

FORD PARTS AND SERVICE DIVISION

JANUARY 23, 1976 — BULLETIN NUMBER 104

FORD — MERCURY LINCOLN — FORD TRUCKS

"Our goal: No unhappy owners."

BULLETIN CONTENTS

ARTICLE NO.		FORD	PAGE
BODY			
1290-S	SEAT BELT EXTENDER—REVISION	1974-75-76 ALL CAR LINES	3
1345	FRONT AIR DAM	1976 MUSTANG COBRA II	4
1346	QUARTER PANEL REINFORCEMENT	GRANADA - 1975-76	5
1347	REAR DOOR ARM REST RECEPTACLE COVER "LOCK OPEN"	1976 FORD — 4-DOOR MODELS WITH MANUAL WINDOWS	6
1349	SPRAY GUN PRESSURE DROP	ALL MODELS	8
1350	1976 TU-TONE PAINT ON PASSENGER CAR	PINTO/MAVERICK/MUSTANG/ GRANADA/FORD/THUNDERBIRD	8
CHASSIS			
1269-S	BRAKE ASBESTOS FIBER DUST REMOVAL	ALL YEARS - ALL CAR LINES	10
1351	DISC BRAKE CALIPER SLIDE GREASE	ALL VEHICLES SO EQUIPPED	10
1352	POWER BRAKE BOOSTER DIAGNOSIS—VACUUM AND HYDROBOOST	1975-76 PASSENGER CARS	10
1353	POWER RACK AND PINION STEERING GEAR—YOKE PLUG	1976 MUSTANG AND PINTO	16
1354	REAR DRUM BRAKE ASSEMBLIES	ALL 1976 MODELS WITH DRUM BRAKES	16
1355	SLOW FUEL TANK FILL AND/OR FUEL SPITBACK AT THE FUEL TANK FILLER PIPE	1975-76 GRANADA AND MAVERICK	17
ELECTRICAL			
1356	BLOWER MOTOR PLASTIC WHEEL RETENTION	1972-76 ALL CAR LINES	17
1357	REAR TAIL LAMP LENSES SERVICE REPLACEMENTS	1975-76 GRANADA	18
1358	VISOR ILLUMINATED VANITY MIRROR FUSE LOCATION	1975-76 ALL CARS WITH THE ILLUMINATED VANITY MIRROR OPTION (EXCEPT MAVERICK)	20
POWERTRAIN			
1319-S	ROUGH ENGINE OPERATION AND/OR SURGE (WITH A HOT ENGINE) TSB CORRECTION	ALL 1976 VEHICLES EQUIPPED WITH THE 460 C.I.D. ENGINE - 49 STATE VEHICLES ONLY, ENGINE CALIBRATIONS 6-19L-R15 AND 6-19L-R20 (EXCEPT POLICE INTERCEPTORS)	21
1359	DIAGNOSTIC PROCEDURE FOR NOISY THERMACTOR AIR PUMPS	ALL 1975-76 VEHICLES EQUIPPED WITH THERMACTOR AIR PUMPS	21

(Continued on Page 2)

Service Manager	Parts Manager	Service Writer	Technician	Page 1

006723

CHASSIS

Article No. 1269-S

BRAKE ASBESTOS FIBER DUST REMOVAL

FORD

ALL YEARS - ALL CAR LINES

LINCOLN-MERCURY

ALL YEARS - ALL CAR LINES

TRUCKS

ALL YEARS - ALL TRUCK LINES

Technical Service Bulletin No. 99, Article No. 1269, dated 10/24/75, indicated that the vacuum cleaner was available through the Rotunda Dealer Equipment Catalog. At this time, the vacuum cleaner is not available for purchase through the Catalog. However, we do recommend the use of an industrial type vacuum cleaner in place of compressed air.

Please cross-reference this article with Article No. 1269.

WARRANTY STATUS: "INFORMATION ONLY"

Article No. 1351

DISC BRAKE CALIPER SLIDE GREASE

(Formerly L.P.S.)

FORD

ALL VEHICLES SO EQUIPPED

LINCOLN-MERCURY

ALL VEHICLES SO EQUIPPED

TRUCKS

ALL VEHICLES SO EQUIPPED

The disc brake caliper slide grease will be available at the distribution centers as a Class B item after December 19, 1975. It will be merchandised in 2 lb. cans and will carry a new part number of D6AZ-19590-A.

This grease was previously referred to in TSB publications as LPS-ESA-M1C167-A.

It is recommended for any disc brake service, that brake caliper slide grease be used.

PART NUMBER	PART NAME	AVAILABLE	CODE
D6AZ-19590-A	Disc Brake Caliper Slide Grease	After 12/19/75	B

WARRANTY STATUS: "INFORMATION ONLY"

Article No. 1352

POWER BRAKE BOOSTER DIAGNOSIS – VACUUM AND HYDROBOOST

FORD

1975-76 PASSENGER CARS

LINCOLN-MERCURY

1975-76 PASSENGER CARS

To assist you in properly diagnosing power brake booster malfunctions, the following diagnostic procedure has been established. To preclude unnecessary replacements, the specific procedures (Flow Charts) should be used.

1. Note the vehicle condition, then verify the difficulty by driving the vehicle and comparing it to a known quality vehicle. The power brake booster cannot cause noisy brakes, a fading brake pedal or pulling brakes. Brake booster assemblies rarely cause excessive pedal travel. If the condition is verified as one of the above, components of the brake system other than the brake booster require attention.

2. Verify the proper vacuum hose or power steering hose connection(s) as per the Shop Manual. After verifying this connection(s) the following sequence of checks and tests must be followed:

Follow appropriate flow chart for condition(s) described by the customer.