



Vehicle Attachment 9
2004 Mack Truck - Technical Specifications (Chassis Only)

Chesterfield, NJ
HWY-12-MH-007

(20 Pages)

W/O# 1359950 APP MAC006 FICH 0334
RPT: COE5727-1 FINAL FACTORY ORDER PAGE 1
WORLD HEADQUARTERS IRM DATE: 10/25/03

GRID: A 02

***** GENERAL ORDER DATA *****

GSO NO : 15758 ORIGINATOR: A375 D J M REFUSE CO., INC.
QUANTITY : 2 ORDER NO: A375-20091 / 20092
CHASSIS MODEL: CV713 ORDER RECVD DATE: 09/29/03
SERIAL NOS: / DESIRED DEL DATE: 11/02/03 - 2

***** VEHICLE APPLICATION *****

TYPE OF SERVICE: VOCATIONAL BODY/TRLR TYPE: REFUSE (NON
ROADSPEED: 073 MPH CAPACITY:
% GRADE: 03 LENGTH:
GVW: 67,360 LBS WEIGHT:
GCW: LBS PAYLOAD:
COMMODITY:
LOADED CHASSIS WEIGHT
FRONT: 18,000 LBS REAR: 49,360 LBS TOTAL: 67,360 LBS

***** FACTORY INFORMATION *****

MODEL SYMBOL: CV713 CKD COUNTRY:
MODEL CODE: 426 CRITICAL CHASSIS: M
REQUEST PROD PLANT: CUST PILOT REVIEW: N
ASSEMBLY LINE: G TRUCK/TRACTOR: TRUCK
SCHEDULE DATE: 11/19/03 COMPLETE/INCOMPLETE: INCOMPLETE

***** CUSTOMER *****

NAME: D J M REFUSE CO., INC. PRICE CODE: 48
ADDRESS: FLEET CODE: XXXX
SPECIAL PROMOTION:
ZIP:
RESOLD TO: SALESMAN: FRANK CIRI
BILL TO: TERMS: T

W/O# 1359950 APP MAC006

FICH 0334

GRID: B 02

RPT: COE5727-1
WORLD HEADQUARTERS IRM

FINAL FACTORY ORDER

PAGE 2
DATE: 10/25/03

GSD: 015758 UNITS: 2

MODEL: CV713

- PIC -- CONDITION

DETAIL

----- BASE VEHICLE -----

DLN-0002 DELIVERY TIME	STANDARD OR EXTENDED DELIVERY
A19-2004 VEHICLE MODEL YEAR	2004 MODEL YEAR
997-0001 CERTIFIED CHASSIS WEIGHT	CUSTOMER GUARANTEED WEIGHT, MUST BE CERTIFIED WEIGHT
002-0621 BASE VEHICLE SPEC	CV703 MACKTRAD 2004B
001-0002 VEHICLE TYPE	TRUCK
006-4950 BODY TYPE/ON-OFF HWY APLN	REFUSE(NON-LOADER)
PRJ-1552 SPECIAL PROJECTS	CHASSIS PROJECT--COMPLETE FRAME ASSEMBLY CHASSIS PROJECT 31QLA PROCESS CODE

----- POWER TRAIN -----

100-1416 ENGINE	AI-400 ASET MACK 400HP @ 1950 RPM
676-5010	EPA CODE - 43A
505-0001 VEHICLE REGISTRATION	ANY STATE EXC. CALIF OR HAWAII
908-0000 IDLE SHUTDOWN	DISABLE IDLE SHUTDOWN
110-0012 ENGINE BRAKE	MACK ENGINE BRAKE POWER LEASH
233-0000 PTO1 SINGLE SPEED CONTROL	W/O ENGINE SPEED CONTROL
111-7000 GOVERNOR OPTIONS	VMAC ROAD SPEED LIMIT

W/O# 1359950 APP MAC006

FICH 0334

GRID: C 02

RPT: COE5727-1
WORLD HEADQUARTERS IRM

FINAL FACTORY ORDER

PAGE 3
DATE: 10/25/03

GSO: 015758 UNITS: 2

MODEL: CV713

- PID -- CONDITION

DETAIL

----- POWER TRAIN -----

932-0065 ROAD SPEED LIMIT (RSL)	65MPH - 105KPH
933-0065 CRUISE CONTROL MAX. SPEED	65 MPH
113-4100 AIR COMPRESSOR	MERITOR/HABCO 318 (18.7 CFM)
123-0011 COOLANT CONDITIONER FILTER	FURN. MACK COOLANT CONDITIONER CANISTER (W/FULLY FORMULATED COOLANT) OR:CH#00-01-51F
574-0002 AIR COMPRESSOR GOVERNOR	BENDIX GOVERNOR MTD ON FIREWALL
114-0002 TURBOCHARGER	BORG WARNER(WAS SCHWITZER)
820-0004 ENGINE DRIVE BELTS	POLY-V ALTERNATOR/FAN BELT WITH AUTOMATIC TENSIONER
118-0002 FAN DRIVE	EATON-VISCOUS
140-0001 FLYWHEEL HOUSING	IRON
136-1326 TRANSMISSION	T310 10 SP-MACK
579-1381 TRANS RATIOS LOW/HIGH	13.81/0.73
138-0001 DUSTPROOFING	FLYWHEEL & TRANSMISSION HSG (MACK ENG W/ MACK TRANS ONLY)
139-0019 OIL COOLER	MACK T200/T300 SERIES TRANS. WITH INTERNAL COOLER PUMP
182-0003 SIDE PTO CLEARANCE	BOTH SIDES
133-1025 CLUTCH	CL7981 15.5" CERAMIC

W/O# 1359950 APP MAC006

FICH 0334

GRID: D 02

RPT: COE5727-1
WORLD HEADQUARTERS IRM

FINAL FACTORY ORDER

PAGE 4
DATE: 10/25/03

GSG: 015758 UNITS: 2

MODEL: CV713

- PID -- CONDITION

DETAIL

----- POWER TRAIN -----

SPICER DAMPENED

----- AXLES -----

240-1004 FRONT AXLE	FAW18	18000 LB-MACK 8200 KG
545-2000 FRONT SUSPENSION TYPE	MULTILEAF	
244-2008 FRONT SUSPENSION	18,000 LB HD MULTILEAF	8200 KG
385-0001 FRONT SHOCK ABSORBERS	DOUBLE ACTING TYPE	
510-0001 FRONT BRAKE TYPE	CAM	
637-0001 FRONT BRAKE DUST SHIELDS	FURNISH DUST SHIELDS	
241-1105 FRONT AXLE BRAKES	MERITOR "S" CAM 16.5"X6"	Q PLUS BRAKES
242-0002 FRONT SLACK ADJUSTER	HALDEX AUTOMATIC	
349-0003 FRT. BRAKE CHAMBER VENDOR	MGM	
246-2003 FRONT WHEEL SEALS	STEMCO VOYAGER	(OR:CH#99-07-31C:GX#99-08-44B)
245-2203 STEERING	492S	SHEP-PWR(INTEGRAL)
426-0002 STEERING TYPE	POWER	
161-0003 STEERING WHEEL	2 SPOKE 18" -BLACK	
439-0005 STEERING COLUMN	TILT-TELESCOPE	

W/O# 1359950 APP MAC006

FICH 0334

GRID: E 02

RPT: COE5727-1
WORLD HEADQUARTERS IRM

FINAL FACTORY ORDER

PAGE 5
DATE: 10/25/03

GSO: 015758 UNITS: 2

MODEL: CV713

- P10 -- CONDITION

DETAIL

----- AXLES -----

268-1021 TANDEM REAR AXLE	\$582	58000LB-MACK 26300KG
269-0054 TANDEM REAR AXLE SPACING	54"	1372MM (OR: CX#99-09-70)
186-1039 TANDEM REAR SUSPENSION	\$858	-MACK MULTILEAF
402-0002 ANTI-SWAY SPRINGS		FURNISH W/ TANDEM REAR AXLE
270-0002 TRUNNION BUSHING		BRONZE
511-0001 REAR BRAKE TYPE		CAM
253-1102 REAR AXLE BRAKES		MERITOR - CAM 18 X 7
479-0001 REAR BRAKE CHAMBER SIZE		30/30 TYPE
638-0001 REAR BRAKE DUST SHIELDS		FURNISH DUST SHIELDS
255-0002 REAR SLACK ADJUSTER		HALDEX AUTOMATIC
262-2003 REAR AXLE WHEEL SEALS		STEMCO VOYAGER (OR: CH#99-07-31C; CX#99-08-44C) (OR: RD6#01-07-44C)
018-0501 REAR AXLE CARRIER		CRDPC112/113 (N/A ABOVE 427 HP)
258-0001 CARRIER HOUSING MATERIAL		MALLEABLE
257-0464 REAR AXLE CARRIER RATIO		4.64
256-0003 POWER DIVIDER LOCKOUT		IN CAB MANUAL AIR VALVE

W/O# 1359950 APP MAC006

FICH 0334

GRID: F 02

RPT: COE5727-1
WORLD HEADQUARTERS IRM

FINAL FACTORY ORDER

PAGE 6
DATE: 10/25/03

GSD: 015758 UNITS: 2

MODEL: CV713

- PID -- CONDITION

DETAIL

----- AXLES -----

300-9005 REAR BRAKE CHAMBER VENDOR

W/ WARNING BUZZER & LIGHT

MGH MODEL TR-T; TAMPER-

RESISTANT BRAKE CHAMBERS

(OR: CX#99-09-56Y)

----- TIRES -----

900-1170 FRONT AXLE TIRES

385/65R22.5 J BRIDGESTONE

M844F

250-3000 FRONT WHEEL TYPE

ALUM. DISC

247-2200 FRONT BRAKE DRUMS/ROTORS

DISC WHEEL-OUTBOARD CAST DRUM

376-0001 FRONT DISC WHEELS: POLISH

POLISHED ALUMINUM DISC

(OR: RD6#99-06-28)

531-3127 FRONT RIM/WHEEL

22.5 X 12.25 ALU DISC

ALCOA 10 HOLE (HUB PILOT)

248-1000 FRONT HUB MATERIAL

FERROUS

652-0000 PREFINISHED FRT WHLS/RIMS

W/O SPECIAL PREFINISHED OPTION

901-1210 REAR AXLE TIRES

11R24.5 H BRIDGESTONE

M726

267-2000 REAR WHEEL TYPE

STEEL DISC

263-2100 REAR BRAKE DRUMS/ROTORS

DISC WHEEL INBOARD CAST DRUMS

346-2013 REAR RIM/WHEEL

24.5 X 8.25 STEEL DISC

W/O# 1359950 APP MAC006

FICH 0334

GRID: G 02

RPT: COE5727-1
WORLD HEADQUARTERS IRM

FINAL FACTORY ORDER

PAGE 7
DATE: 10/25/03

GSD: 015758 UNITS: 2

MODEL: CV713

- PIO -- CONDITION

DETAIL

----- TIRES -----

	ACCURIDE
653-0001 PREFINISHED RR WHLS/RIMS	PREFINISHED GRAY
264-1000 REAR AXLE HUB MATERIAL	FERROUS
915-4710 REAR TIRE REVS. PER MILE	471.0

----- MAJOR ITEMS -----

271-0265 WHEELBASE	265"
272-0260 PLATFORM	260"
374-0074 AF (OVERHANG)	74"
	1880MM
273-1001 FRAME REINF-INSIDE	STEEL 1/4"
274-1016 FRAME SECTION	STEEL : 5/16"X 10-5/8"X 3-1/4"
	CONSTANT SECTION
281-1015 CROSSMEMBERS	BOC XMBR=STEEL, ROLLED-FLANGE
	I-BEAM; INTERMEDIATE=STEEL, HUCK
	BOLTED, BACK-TO-BACK CHANNEL
243-0008 FRONT TOW DEVICE	PIN
276-0001 REAR TOWING DEVICE	HOOKS - FRAME MOUNTED
383-0001 FRONT SPRING CENTERS	34.5"
195-2005 MAIN DRIVESHAFT	DANA/SPICER 1810 HD
204-2004 INTERAXLE DRIVESHAFT	DANA/SPICER 1810

W/O# 1359950 APP MAC006

FICH 0334

GRID: H 02

RPT: COE5727-1
WORLD HEADQUARTERS IRM

FINAL FACTORY ORDER

PAGE 8
DATE: 10/25/03

GSO: 015758 UNITS: 2

MODEL: CV713

- PID -- CONDITION

DETAIL

----- MAJOR ITEMS -----

849-0100 LUBRICATION FITTINGS	FURNISH CLUTCH RELEASE BEARING LUBE HOSE(OR;CV5#01-05-33E) (OR#95-10-22;CX#99-04-58C)
301-0002 HAND CONTROL VALVE	REAR SVC
280-1000 AIR RESERVOIR	STEEL
698-0006 ANTI-LOCK BRAKE SYSTEM	BENDIX KB(EATON/ BOSCH) ABS OR#96-01-22
130-2000 EXHAUST	SINGLE VERTICAL-CAB MOUNTED W/STRAIGHT STACK
010-0002 VERT EXH-BRIGHT FINISH	SINGLE- HEAT SHIELD(S) & STACK
131-1212 STARTING SYSTEM	12V GEAR REDUCTION (105 PRD)
132-1218 ALTERNATOR	12V145A DELCO 22SI
316-5105 BATTERIES	3-12V MACK M/F 31 660 CCA THREADED STUD TYPE
405-0002 BATTERY BOX COVER	POLISHED ALUMINUM (OR;LE#02-06-15C)
125-0101 AIR CLEANER	11" SINGLE ELEMENT DONALDSON
288-2075 FUEL TANK L.H.	75 GAL.ALUM./284 LITERS
290-2055 FUEL TANK R.H.	55 GAL ALU/208 LITER
537-0001 FUEL TANK MATERIAL	ALUMINUM

W/O# 1359950 APP MAC006

FICH 0334

GRID: I 02

RPT: COE5727-1
WORLD HEADQUARTERS IRM

FINAL FACTORY ORDER

PAGE 9
DATE: 10/25/03

GSO: 015758 UNITS: 2

MODEL: CV713

- PID -- CONDITION

DETAIL

----- MAJOR ITEMS -----

221-0001 FUEL TANK-SPECIAL FINISH	POLISHED ALUMINUM
	POLISHED ALUMINUM
223-0002 FUEL TANK STEPS & STRAPS	STD FINISH STEPS & B.F. STRAPS
488-2000 RADIATOR SUPPLIER	VALED WITH PLASTIC TANKS
	AND COPPER/BRASS CORE
279-4301 FRONT BUMPER	EXTENDED-SNEPT BACK-STEEL
	BRIGHT FINISH (INCL. PAINTED
	CNTR TOM PIN)N/A W/ FRM EXT
340-0011 HOOD	FIBERGLASS- CAMOPLAST
400-0013 GRILLE	BRIGHT FINISH BARS WITH BRIGHT
	FINISH SURROUND
379-0002 RADIATOR GUARD	PLATE TYPE BRIGHT FINISH
717-0001 ABS SENSOR/CHANNEL OPTION	4S/4M SYSTEM
	REAR WHEEL END SENSORS

----- CAB -----

144-1009 CAB MODEL	CA67	CONVENTIONAL
		L.H. STEER
004-1005 INTERIOR TRIM PACKAGE	CONTRACTOR	
A27-0003 DASH PANEL OPTION	FURNISH WOOD GRAIN DASH	
145-0001 GLASS	TINTED WINDSHIELD, SIDE &	

W/O# 1359950 APP MAC006 FICH 0334
 RPT: COE5727-1 FINAL FACTORY ORDER PAGE 10
 WORLD HEADQUARTERS IHM DATE: 10/25/03

GRID: J 02

GSO: 015758 UNITS: 2
 MODEL: CV713

- PID -- CONDITION DETAIL

----- CAB -----

REAR WINDOWS

146-0001 WINDOW & LOCK OPERATION	ROLL-UP LH&RH-CRANK OPERATED
148-0011 WINDSHIELD WIPERS	TWO SPEED ELECTRIC MOTOR
	W/INTERMITTENT FEATURE
152-2102 WEST COAST MIRRORS	BULLDOG-HEATED BR FIN
360-0005 MIRROR BRACKETS	SINGLE TUBE WITH BREAKAWAY
	FEATURE
153-2002 CONVEX MIRROR	BRIGHT FINISH (LH&RH) 8.0"DIA.
154-0002 AIR HORN	MACK-2-RECT SINGLE TRUMPET
157-0001 EXTERIOR SUN VISOR	PAINTED
173-1001 AIR CONDITIONER/HEATER	BLEND AIR HVAC
593-1000 AIR CONDITIONER COMPRESSOR	ROTARY TYPE
403-0000 CAB HEATER	OMIT STD HEATER
415-0001 HEADER CONSOLE	HEADER CONSOLE COMPARTMENT
	WITH DOOR
196-2265 DRIVER'S SEAT (L.H.)	AIR-BOSTROM TALLADEGA 915
	(MID BACK)
197-1114 RIDER'S SEAT (R.H.)	FIXED-MACK (MID-BACK)
	W/INTEGRAL STORAGE COMPARTMENT
	(N/A W/SLEEPER)
485-0000 SEAT COVERING	ALL VINYL

W/O# 1359950 APP MAC006

FICH 0334

GRID: K 02

RPT: COE5727-1
WORLD HEADQUARTERS IRM

FINAL FACTORY ORDER

PAGE 11
DATE: 10/25/03

GSO: 015758 UNITS: 2

MODEL: CV713

- PID -- CONDITION

DETAIL

----- CAB -----

592-0002 SEAT BELT(S)	LAP & SHOULDER (BOTH SEATS) (NOT AVAILABLE WITH EXTENDED RIDER SEAT)
150-0002 SEAT BELT RETRACTOR(S)	DRIVER'S & RIDER'S SEAT
165-9000 SEAT MOUNTED ARMREST	FURNISH DRIVERS SEAT WITH INBOARD MTD ARMREST
207-0001 CAB MOUNTING REAR	AIR SUSPENDED
312-0002 MARKER & CLEARANCE LAMPS	CHROME BULLET TYPE (SET OF 5)
354-0002 INTERIOR SUN VISOR	BOTH SIDES
865-0007 POUCH, INTERIOR CAB	DISPATCH BOX MOUNTED ON BACK PANEL
209-0001 FENDER EXTENSIONS	RUBBER OR MOLDED & FITTED TYPE

----- OPTIONS -----

289-0120 AUTOMATIC DRAIN VALVE	BENDIX -HEATED
297-0000 MANUAL DRAIN VALVE	W/O LANYARD
352-0100 AIR SYSTEM VALVE/VENDOR	BENDIX VALVES WHERE POSSIBLE
296-0105 AIR DRYER	BENDIX SYSTEM GUARD - AD9 HTD
156-0004 RADIO ANTENNA	CAB MOUNTED BEHIND LH DOOR

W/O# 1359950 APP MAC006

FICH 0334

GRID: L 02

RPT: COE5727-1
WORLD HEADQUARTERS IRM

FINAL FACTORY ORDER

PAGE 12
DATE: 10/25/03

GSD: 015758 UNITS: 2

MODEL: CV713

- PID -- CONDITION

DETAIL

----- OPTIONS -----

166-0001 POWER LEADS	5 WAY BINDING POST (FOR CB) DASH MOUNTED
174-0029 RADIO	AM/FM PREMIUM STEREO CD W/WEATHER BAND
203-0001 CB ANTENNA	DUAL(FIBERGLASS)
432-0002 C B RADIO MOUNTING	STRAP TYPE (TOP OF DASH)
806-0001 CAB POWER OUTLETS	TWO 12V AUX POWER OUTLETS- DASH MOUNTED
833-0002 GAUGE CLUSTER	OPTION #2 (EXHAUST PYROMETER; ENGINE & TRANS. OIL TEMP.)
199-0008 GAUGE-SPEEDOMETER/ODO.	ELECTRONIC W/ ODOMETER & TRIP ODOMETER(W/ PROXIMITY PICK UP)
200-0010 GAUGE-TACHOMETER	ELECTRONIC-W/HOURMETER (PROXIMITY PICKUP)
206-0001 GAUGE-EXHAUST PYROMETER	GAUGE
212-0001 GAUGE-ENGINE OIL TEMP.	ELECTRICAL
214-0001 GAUGE-TRANS.OIL TEMP.	TRANSMISSION GAUGE(S)
869-0002 CIRCUIT PROTECTION PACKAGE	ALL CIRCUITS PROTECTED BY CIRCUIT BREAKERS
905-0001 DAYTIME RUNNING LIGHTS	WITH DAYTIME RUNNING LIGHTS
315-2013 DIRECTIONAL SIGNAL FLASHER	TRANSISTORIZED 16 BULB FLASHER

W/O# 1359950 APP MAC006

FICH 0334

GRID: M 02

RPT: COE5727-1
WORLD HEADQUARTERS IRM

FINAL FACTORY ORDER

PAGE 13
DATE: 10/25/03

GSO: 015758 UNITS: 2

MODEL: CV713

- PID -- CONDITION

DETAIL

----- OPTIONS -----

341-0001 KEY SHUTOFF	CONTROLLED BY KEY SWITCH
575-0001 CIGAR LIGHTER	CIGAR LIGHTER
576-0002 CAB DOME LIGHT	ONE WITH SELF CONTAINED SWITCH
466-7000 CRUISE CONTROL	VMAC CRUISE CONTROL
310-2600 HEADLAMPS	HALOGEN - 7" WITH INTEGRAL TURN SIGNAL
371-0002 HEADLAMP BEZEL	MOLDED PLASTIC - BRIGHT FINISH
398-0001 ELECTRICAL CONNECTIONS	WATER PROOFED-SPRAY W/GLYPTAL OR EQ.; INCL. BATTERY HOLD-DOWN BOLTS(CX:OR#99-05-55B)
317-0001 BACKUP ALARM	W/ INTERMITTENT FEATURE (AMBIENT NOISE SENSITIVE 87-112 DB(A))
129-0003 ENGINE HEATER	PHILLIPS(CARTER) 120 VOLT/ 1500 WATT
229-7001 ENGINE PROTECTION SYSTEM	VMAC ENGINE SHUTDOWN WITH OVERRIDE SWITCH
336-0001 TRANSMISSION MOUNTING	OIL RESISTANT
294-0001 GAUGE-FUEL LEVEL	ELECTRICAL
124-9018 RADIATOR & HEATER HOSES	GATES BLUE STRIPE EPDM RADIATOR & HEATER HOSES

W/O# 1359950 APP MAC006 FICH 0334
RPT: COE5727-1 FINAL FACTORY ORDER PAGE 14
WORLD HEADQUARTERS IRM DATE: 10/25/03

GRID: A 03

GSD: 015758 UNITS: 2
MODEL: CV713

- PID -- CONDITION DETAIL

----- OPTIONS -----

231-7000 HAND THROTTLE CONTROL VMAC ELECTRONIC HAND THROTTLE
446-0001 PEDIGREED PROTECTION PLAN COVERAGE FURNISHED
931-0001 OVERALL WIDTH EXCEEDS 96" OVERALL

*****NEW OPTIONS*****

----- PAINT -----

944-7576 PAINT:COLOR-AREA A MACK RED
75500PP 9189
950-3100 PAINT/VINYL DESIGN SINGLE COLOR W/OUT DESIGN
941-0000 PAINT:CAB-INTERIOR W/O SPECIAL CAB INTERIOR PAINT
(PAINT EXTERIOR COLOR)
994-0007 AREA A CAB COLOR FAMILY RED
996-0001 CAB/HOOD PAINT SYSTEM POLY THROUGH COAT
951-2006 PAINT:CHASSIS RUNNING GEAR MACK BLACK
09000PP 3036
993-0010 CHASSIS COLOR FAMILY BLACK
958-0000 PAINT:BUMPER W/O OPTIONAL BUMPER PAINT
909-0002 PAINT:NON-CHARTED COLORS NO ADDITIONAL CHARGE

----- ADDITIONAL ITEMS -----

TEL-0001 PRE-DELIVERY SPEC ERRORS NRV QC (540) 674-7266

W/O# 1359950 APP MAC006 FICH 0334
 RPT: COE5727-1 FINAL FACTORY ORDER PAGE 15
 WORLD HEADQUARTERS IRM DATE: 10/25/03

GRID: B 03

GSO: 015758 UNITS: 2
 MODEL: CV713
 - PID -- CONDITION DETAIL

----- ADDITIONAL ITEMS -----

MACUNGIE QC (610) 966-8844

***** VEHICLE CERTIFICATION DATA*****

FRT	18,000	18,000	18,740	18,000	385/65R22.5J	22.5 X 12.25	120	S
1ST	29,000	29,000	24,680	24,680	11R24.5	H 24.5 X 8.25	110	D
2ND								
3RD								
REA	29,000	29,000	24,680	24,680	11R24.5	H 24.5 X 8.25	110	D
GVNR				67,360				
CG/WB	.429							

***** SHIPPING INSTRUCTIONS *****

FINAL DESTINATION: TRENTON MACK SALES & SERV
 DRIVEAWAY/CUST PICKUP: CPU
 VIA:
 PREPAID/COLLECT:
 CARRIER:

***** DRIVE LINE ASSEMBLY *****

MOD	GSO	SCH	DT	002	774	100	136	271	252	268
					256	260	186	377	402	189
					195	204	194	901	018	137
					193	904	257	915	273	651
					092	305	380	141	416	459
					015	016	422			
CV	15758	031119	0020621		1001416	1361326	2710265			2681021
			2560003		1861039		4020002		2690054	
			1952005	2042004	1940002	9011210	0180501		2811015	
					2570464	9154710			1302000	

W/O# 1359950 APP MAC006

FICH 0334

GRID: C 03

RPT: COES727-1
WORLD HEADQUARTERS IRM

FINAL FACTORY ORDER

PAGE 16
DATE: 10/25/03

GSD: 015758 UNITS: 2

MODEL: CV713

- PID -- CONDITION

DETAIL

	ARRANGEMENT	ECN	ECN
REAR SHAFT	518MUA51P48	980601	880613
FRONT SHAFT	518MUA53P56	020S02	000606
FRONT CNTR BRG SUPPORT	122MUA429P3	010S06	000606
1ST INT SHAFT	518MUA54P42	880613	
1ST INT BRG SUPPORT	122MUA430P4	900609	
2ND INT SHAFT		000S02	
2ND INT BRG SUPPORT		000606	
FRONT CNTR BRG GUARD		000S02	
1ST INT CNTR BRG GUARD			
2ND INT CNTR BRG GUARD			
INTERAXLE DRIVESHAFT	2042004		
MS	1952005		

ERROR MESSAGE

***** END OF GSD 015758 *****

W/O# 1359950 APP MAC006 FICH 0334

GRID: A 04

REPORT NO. CCR71101
WORLD HEADQUARTERS I.R.M.CORPORATE CHASSIS RECORD SYSTEM
MAJOR COMPONENT SERIAL REPORTPAGE: 1
RUN ON: 01/04/04 AT 17:48:32MODEL: CV713 SERIAL NUMBER: [REDACTED]
CUSTOMER NAME: D J M REFUSE CO., IN
LINE SET: H031121006 PLANT: M MACUNGIE
PLACEMENT DATE: 11/20/03 SHIPMENT DATE: 11/24/03GENERAL SALES ORDER NUMBER: 015758
VEHICLE IDENTIFICATION: 1M2AG11C54M [REDACTED]
BRANCH / DISTRIBUTOR: A375
TRANSFER TO SALES DATE: 11/24/03

SERIAL NUMBER	MODEL	PART NUMBER	PART DESCRIPTION	VENDOR	REV
E3V0786	AI-400	11GBA18883YP1	MACK ENGINE	MACK TRUCKS INC.(HAGERSTOWN PLAN	
B3301-5411	CYLINDER BLOCK	239GBA5552M	BLOCK, CYL	MACK TRUCKS INC.(HAGERSTOWN PLAN	
R10323435	CRANK SHAFT	456GCA4220M	CRANK	MACK TRUCKS INC.(HAGERSTOWN PLAN	
A01573	COMPR	303GB5129M2	AIR COMPR	MERITOR WABCO	
IM67JBWD	INJECTION PUMP	313GC5230M	INJ PUM	SCHWITZER	
IM67JBUY	INJECTION PUMP	313GC5230M	INJ PUM	SCHWITZER	
IM67JBUB	INJECTION PUMP	313GC5230M	INJ PUM	SCHWITZER	
IM67JBPX	INJECTION PUMP	313GC5230M	INJ PUM	SCHWITZER	
IM67JBNE	INJECTION PUMP	313GC5230M	INJ PUM	SCHWITZER	
IM67JBKF	INJECTION PUMP	313GC5230M	INJ PUM	SCHWITZER	
UJ2703A832	TURBO	631GC5172M7	TURBOCHARG	BORG WARNER TURBO SYSTEMS	
Y74413649388.15	ENG	12MS413AM		MOTOROLA	
N6300601130	VEH	NOT FOUND		SIEMENS VDO SA DE CV	
T3V0435	T310	11KBA75YP1	MACK TRANSMISSION	MACK TRUCKS INC.(HAGERSTOWN PLAN	

W/O# 1359950 APP MAC006 FICH 0334

GRID: B 04

REPORT NO. CCR71101
WORLD HEADQUARTERS I.R.M.

CORPORATE CHASSIS RECORD SYSTEM
MAJOR COMPONENT SERIAL REPORT

PAGE: 2
RUN ON: 01/04/04 AT 17:48:32

MODEL: CV713 SERIAL NUMBER: [REDACTED]
CUSTOMER NAME: D J M REFUSE CO., IN
LINE SET: H031121006 PLANT: M MACUNGIE
PLACEMENT DATE: 11/20/03 SHIPMENT DATE: 11/24/03

GENERAL SALES ORDER NUMBER: 015758
VEHICLE IDENTIFICATION: 1M2AG11C54M [REDACTED]
BRANCH / DISTRIBUTOR: A375
TRANSFER TO SALES DATE: 11/24/03

SERIAL NUMBER	MODEL	PART NUMBER	PART DESCRIPTION	VENDOR	REV
C03311204	CRDPC112	11KHA5516P2	FRONT CARRIER	DANA CORPORATION LANCASTER	
C03311205	CRD113	11KHA5517P2	REAR CARRIER	DANA CORPORATION LANCASTER	
H031121006	LINESET NUMBER		LINESET NUMBER		
1M2AG11C54M [REDACTED]	VIN NUMBER		VEHICLE IDENTIFICATION		

Prouty Steven

From: Bradley Mac [REDACTED]
Sent: Tuesday, September 11, 2012 4:57 PM
To: Prouty Steven
Cc: Lafon Tim (othy)
Subject: track width

Steve,
Here are my track width calculated values

	Calculated	Measured (per NTSB draft)
Track Width (steer)	83.96	83.75
Track Width (Axle 3 & Axle 4)	74.134	73.5

Constituent data:

	Steer	Drives
Axle beam KPI	69.88	NA
Knuckle KPI to IBS	4.688	NA
IBS left to IBS right	79.256	65.63*
Bearing	2.125	1.625
Hub IBS to hub face	4.41	1.65
Drum thickness	0.5	0.54
Wheel to track	-4.680	+0.437

KPI: king pin intersection
IBS: inner bearing shoulder

*could not confirm from drawing. Number taken from earlier track width calculation.

Regards,
Mac

Mac Bradley
Principal Engineer
Brake Systems & Vehicle Controls

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