National Transportation Safety Board
Office of Highway Safety
Washington, DC 20594

HWY24MH013

VEHICLE FACTORS ATTACHMENT

2019 Mack Build Specifications

(42 Pages)

MODEL DEFINING

Code	Description	Family
001AA2	TRACTOR	VEHICLE TYPE
506026	6X4	NUMBER OF AXLES
51AACX	BRAND MACK	BRAND
529040	ANTHEM AXLE BACK, CONVENTIONAL (AN)	MODEL INDENT CONDENSED
774AA3	AXLE BACK	FRONT AXLE POSITION
AAX28X	MACK CONVENTIONAL PRODUCTS	PRODUCT CLASS
ABXLQX	MACK CONVENTIONAL, MEDIUM X, MED HIGH CAB POS, 6*4 TRACTOR	PRODUCT TYPE
CDX25X	AERO STYLE HOOD	CONVENTIONAL TYPE
CKX50X	CONVENTIONAL (N-SERIES)	VEHICLE PROFILE
DAX15X	6 WHEELS THEREOF 4 DRIVING	AXLE ARRANGEMENT
DDX10X	TRACTOR TYPE	CHASSIS TYPE
FAP02P	FRONT AXLE POSITION, 2940MM	FRONT AXLE POSITION
FAX20X	STEERING WHEEL POSITION, LEFT HAND SIDE	STEERING WHEEL POS.
FKX55X	CAB POS, MEDIUM X COORD (LONGITUD) MEDIUM Z COORD (HEIGHT)	CAB POSITION
FYX22X	FRONT AXLE POSITION, 2940MM	FRONT AXLE POSITION
LAX05X	ELECTRICAL SYSTEM 12 VOLT	VOLTAGE
M29742	AN64T	MODEL SALES CODE
PT100C	CMM 64T - ANTHEM / PINNACLE TRACTOR	PRODUCT TYPE
US0010	TSP with MMC BACK OFFICE PROCESS (PROBUILDER)	

MODEL DEFINING : 19 items

APPLICATION PACKAGES

Code	Description	Family
4LAB1X	EXTERIOR BRIGHT WORK LEVEL 2	EXTERIOR BRIGHT WORK
MGC01C	STANDARD GROUND CLEARANCE (most applications)	

APPLICATION PACKAGES : 2 items

VEHICLE INFO

Code	Description	Family
SRZ274	ANTHEM 64T DAYCAB	
1YAA1X	CARB REGULATIONS CERTIFICATION	USA STATE REGULATIONS
MP10E1	ANTHEM 64T	
MP2002	REGIONAL FLEET 25 OR MORE VEHICLES IN OWN FLEET OF ANY VEHIC	CUSTOMER FLEET SIZE
QCXA1X	GRADES <3% DURING >98% OF DRIVING DIST. MAX GRADE 8%	TOPOGRAPHY
PB1091	2008-10-07	
A19049	2019 MODEL YEAR	VEHICLE MODEL YEAR
A5DB1X	INTERIOR GENERATION, 2	INTERIOR GENERATION
ADXE1X	EXTERIOR GENERATION FIVE	EXTERIOR PACKAGE GENERATION
APPAA2	CLASS A HIGHWAY	VEHICLE APPLICATION CLASS
CAR01R	80000 LB (36000 KG) GCW/GVW	CARRIER APPLICATION
DHX10X	WELL MAINTAINED SURFACED ROADS >95% DRIVING DISTANCE	ROAD CONDITION
DKXG2X	36.0 TONNES, GROSS COMBINATION WEIGHT	GROSS COMBINATION WEIGHT
E1BD1X	AMB TEMP HOT, UP TO +40C, WARMER ALLOWED 25 H/YEAR	AMBIENT TEMP UPPER LIMIT (GTA)
FDXD1X	2 REAR AXLES, 2 DRIVEN	REAR AXLE ARRANGEMENT
J7DACX	PRODUCTION ORDER PLANNING, SHORT TO MEDIUM LEAD TIME	
M45001	RETAIL OR STOCK - CUSTOM SPECIFICATIONS	ORDER TYPE REQUIREMENTS
M98018	USA - WARRANTY REGISTRATION LOCATION	
36XDZX	ENGLISH DECALS/SIGNS	LANGUAGES ON DECALS/SIGNS
38XAEX	1ST PUBLICATION LANGUAGE AMERICAN ENGLISH	FIRST PUBLICATION LANGUAGE
39XE1X	CERTIFICATION LABELS, USA	CERTFICATION LABELS
505015	ALL 50 STATES, CARB ENGINE EMISSION	INITIAL REGISTRATION LOCATION
534014	ENGLISH	LANGUAGE
78XB1X	MORE THAN ONE DELIVERY OR PICK-UP OF GOODS EVERY 50KM	TRANSPORT CYCLE
7OBC1X	BRAKE REGULATION, STOPPING DISTANCE 76M (250 FT)	BRAKE REGULATION

916016	CUSTOMARY - ENGLISH UNITS	DIMENSION CONVERSION
98XB2X	NORTH AMERICA NA-PROD	MARKET + AREA
99X93X	FACTORY MACUNGIE	FINAL ASSEMBLY PLANT
9PXGWX	UNITED STATES OF AMERICA	MARKET IN MAR
002F72	ANTHEM 64T DAYCAB MACKSPEC	
005005	VAN TRAILER	VEHICLE USE AND BODY/TRAILER TYPE
006AA2	SELECT AN APPLICATION	VEHICLE USE AND BODY/TRAILER TYPE
007AA2	SELECT AN APPLICATION	VEHICLE USE AND BODY/TRAILER TYPE
013001	COMMERCIAL	TYPE OF SERVICE
022001	NO PILOT REQUESTED	PILOT INSPECTION
032A79	ON HIGHWAY, STARTING GRADES<16%	
033A10	CONCRETE LOADING AND / OR UNLOADING SURFACE	
0341A1	LINEHAUL / LONG HAUL SERVICE	
MOC008	OPERATING CLASS 8	

VEHICLE INFO : 39 items

ENGINE/TRANSMISSIONS

Code	Description	Family
N1CC1X	DRIVELINE TECHNOLOGY, COMBUSTION	DRIVELINE TECHNOLOGY
2MCA1X	GREEN HOUSE GAS COMPLETE VEHICLE & COMPLETE CERTIFICATION	VEHICLE GHG CERTIFICATION
O8AE1X	ENGINE PTO TORQUE CAPACITY 1000NM	ENGINE PTO TORQUE CAPACITY
Q1CA1X	GEAR SELECTION TUNING, BASIC	GEAR SELECTION TUNING
QPXAAX	TRANSMISSION APPLICATION BASIC	TRANSMISSION APPLICATION
QWXA1X	TURBO BASIC DESIGN	TURBO
REXC1X	CRANK CASE VENTILATION OPEN EXTENDED	CRANK CASE VENTILATION
RTX05X	MECHANICAL TRANSMISSION	TRANSMISSION TYPE
RUXF1X	AUTOMATED GEAR SHIFTING	GEAR SHIFTING SYSTEM
RWXH5X	VPT AUTOMATED TRANSMISSION 2600NM OVERDRIVE	TRANSMISSION
RXXA1X	VPT TRANSMISSION	TRANSM. MANUFACTURER
U3AF8X	HIGHEST GEAR RATIO, 0.78	HIGH GEAR RATIO (TRANSMISSION)
U6AA1X	ENGINE GOVERNOR TYPE MIN-MAX	ENGINE GOVERNOR TYPE
U9AH0X	2ND HIGHEST GEAR RATIO, 1.00	SECOND HIGH GEAR RATIO TRANS
B969A6	EPA-2017 DIESEL ENGINE W/CEGR/DPF/SCR	ENGINE EMISSIONS LEVEL
CJXAAX	EXHAUST GAS RECIRCULATION, COOLED	EXHAUST GAS RECIRCULATION
DPXF5X	13 L. PROPRIETARY ENGINE	ENGINE TYPE
H1BAAX	TURBO SINGLE STAGE	TURBO FAMILY FOR 2017
HEX05X	MACK ENGINE	ENGINE MANUFACTURER
HFXOAX	1950 RPM, GOVERNED ENGINE RPM	GOVERNED ENGINE RPM
HHXV2X	2250 NM, ENGINE TORQUE (1670 FT-LB)	ENGINE TORQUE RANGES
KTXVPX	ENGINE EMISSION, LEVEL USA2017	ENGINE EMISSION CONTROL
3GCA1X	GREEN HOUSE GAS HIGHWAY APPLICATION	GHG APPLICATION, VEHICLE
3TAG1X	ENGINE POWER 415HP	ENGINE POWER
503053	MACK MP8 SERIES	ENGINES-GENERAL DESCRIPT
512012	MACK	TRANSMISSION VENDOR
868018	MECHANICAL TRANSMISSION	AUTOMATIC TRANSMISSION
9DCC1X	COOLANT PUMP SPEED RATIO, FIXED	COOLANT PUMP SPEED RATIO
08AA1X	2.25 DEGREE ENGINE CRANK ANGLE	ENGINE CRANK ANGLE
100100	MP8-415C MACK 415 @ 1400-1700 RPM (PEAK) 1950 RPM (GOVERNED)	ENGINE
1360X6	MACK TMD12AFO mDRIVE 12 SP-(OVERDRIVE)	TRANSMISSION
N8CC1X	ENGINE FUEL CONCEPT LIQUID FUEL	ENGINE FUEL CONCEPT

ENGINE/TRANSMISSIONS : 32 items

EXHAUST/EMISSIONS

Code	Description	Family
V5CC1X	OBD EMISSIONS, CONSEQUENCE 1	OBD EMISSIONS CONSEQUENCE
2BCZ1X	GHG SPEED LIMITER EXPIRATION MILEAGE 0 MILES	GHG VSL EXPIRATION MILEAGE

Y7BC1X	IDLE EMISSION LABEL LOCATION, LOWER DRIVER DOOR CORNER	IDLE EMISSION LABEL LOCATION
MLXBMX	AD-BLUE TANK 70 LITER LEFT HAND SIDE	AD-BLUE TANK LEFT HAND SIDE
Q0AC2X	BRIGHT SINGLE EXHAUST SYSTEM MATERIAL FINISH, INCLUDE ELBOW	EXHAUST SYSTEM MATERIAL FINISH
T5AH1X	DIESEL PARTICULATE FILTER, HORZ RHS INTERGRATED	DPF ORIENTATION
TOXABX	DEF TANK MATERIAL, PLASTIC	AD-BLUE TANK MATERIAL
U0XA5X	SEMI RECTANGULAR DEF TANKS FOR DIAM 66 BRACKETS	AD-BLUE TANK SHAPE
U6BC1X	DEF TANK COVER, BRIGHT FINISH	AD-BLUE TANK COVER
CIRAA4	IDLE EMISSION CERTIFICATION, CARB (WITH DECAL LOCATED ON LOW	IDLE EMISSION CERTIFICATION
DF10N1	18.4 GALLON (70 L) 26" LEFT SIDE FRAME MOUNTED	DEF TANK
DPF04F	CLEARTECH ONE BOX E.A.T.S. RH SIDE UNDER CAB US17 / US21	DPF DIESEL PARTICULATE FILTER
G8BA1X	AD-BLUE TANK MTG LOC, FRAME RAIL	AD-BLUE TANK MOUNTING LOCATION
K0XD1X	TURNED OUT EXTENSION	EXHAUST STACK FEATURES
KLXL1X	EXHAUST DIRECTION, VERTICAL RIGHT, INBOARD	EXHAUST DIRECTION
KRXB1X	EXHAUST STACK 3.8 METRE, HEIGHT OVER GROUND (12' 6")	EXHAUST STACK HEIGHT
KSXK1X	SELECTIVE CATALYST REDUCTION + DPF INTEGRATED, VOLVO ENG.	EXHAUST AFTERTREATMENT SYSTEM
4RAA2X	SCR SYSTEM EQUIPMENT, ELECTRICALLY HEATED	SCR SYSTEM EQUIPMENT
5BAAAX	EXHAUST HEAT SHIELD TYPE, BASIC	EXHAUST HEAT SHIELD TYPE
78AC7X	EMISSION OBD, DISPLAY ONLY, USA2018	EMISSION ON BOARD DIAG CONTROL
8NAB1X	DPF COVER STAINLESS STEEL, POLISHED	DPF COVER
9KAB1X	IDLE EMISSION CERTIFICATION, CARB 08	IDLE EMISSION CERTIFICATION
010040	SINGLE, BRIGHT FINISH HEAT SHIELD, STACK, ELBOW AND SCR COVE	EXHAUST - BRIGHT FINISH
0RAD1X	DPF REG CONTROL, AUTO IN MOTION, MAN STAT, INHIBIT ALLOWED	REGENERATION CONTROLS, DPF
130AB9	SINGLE VERTICAL RIGHT SIDE INBOARD MOUNTED STRAIGHT EXHAUST	EXHAUST
1LAK1X	SELECTIVE CATALYST REDUCTION, HORZ RHS INTEGRATED	SCR ORIENTATION
2ACZ1X	GREEN HOUSE GAS SOFT TOP FACTOR, 0 MINUTES	GHG VSL SOFT TOP FACTOR
V6CD1X	ON BOARD DIAG EMISSIONS PHASE B REGULATIONS	OBD EMISSIONS PHASE REGULATION

EXHAUST/EMISSIONS : 28 items

ENGINE EQUIPMENT

Code	Description	Family
VWXAZX	1 CYL. 530 L/MIN. COMPRESSOR	COMPRESSOR CAPACITY
MOXAAX	BATTERY SHOCK PADS	BATTERY ISOLATION
NCXA5X	12V STANDARD STARTER DELCO 39MTHD	STARTER
NDXA1X	WITH STARTING AID	ENGINE STARTING AID
NFXA0X	MECHANICAL MAIN SWITCH	MAIN SWITCH
PJXMGX	12V 135AMP	ALTERNATOR CAPACITY
Q8AA1X	ONE BATTERY BOX, 4 BATTERIES MAX.	B-BOX QTY AND BATT PER BOX
QHXC1X	OIL PAN STEEL	OIL SUMP
R5DA1X	RADIATOR APPLICATION, BASIC	RADIATOR APPLICATION
C4XE1X	ANTI-FREEZE MANUFACTURER CHEVRON	COOLANT MANUFACTURER
H6XA1X	BUG NET, SINGLE, BEHIND THE GRILLE	RADIATOR SCREEN
H9XJ1X	NARROW RADIATOR WITH LENGTH 2 (90 DM2)	RADIATOR TYPE
HLX10X	SILICONE COOLANT HOSE	COOLANT HOSE
HTXA8X	VPT ENGINE BRAKE 6 WITHOUT EPG AND VARIABLE GEOMETRI TURBO	ENGINE BRAKE TYPE
HWXA1X	WITH FILTER/CONDITIONER	COOLANT FILTER / CONDITIONER
J3XA3X	DUAL ENGINE MOUNTED FUEL FILTER, 2 STEP W. WATER SEPARATOR	FUEL FILTER SECONDARY
JAXA2X	41 DEG. C ATB COOLING CAPACITY	COOLING CAPACITY
JMXB1X	BRAKE LIGHTING, BASIC	ENGINE BRAKE LIGHTING
JSXA5X	VISCOUS FAN CLUTCH, ELECTRIC CONTROLLED, LOW NOISE	FAN CLUTCH TYPE
JTXAAX	BEHR FAN CLUTCH	FAN CLUTCH MANUFACTURER
JVXBAX	FUEL FILTER, WATER SEPARATOR, GENERIC	PRIMARY FUEL FILTER
K9XADX	ANTI-FREEZE -37C (-34F) BASIC LIFE COOLANT	COOLANT
KWXA1X	ONE STAGE AIR CLEANER (PRIMARY)	AIR CLEANER TYPE
KXXA1X	SMALL AIR CLEANER	AIR CLEANER SIZE
L4X15X	LHS BATTERY BOX	BATTERY BOX MOUNTING
L5XF1X	POLISHED ALUMINUM BATTERY BOX COVER	BATTERY BOX COVER

L8XAEX	4 BATTERIES, 800 CCA	BATTERY CAPACITY
L9XA1X	GENERIC BATTERY	BATTERY MANUFACTURER
MBXA1X	STANDARD FUEL FILTER POSITION	PRIMARY FUEL FILTER POSITION
318AA3	FLAMING RIVER BIG SWITCH WIRED TO POSITIVE SIDE	BATTERY DISCONNECT SWITCH
341011	ENGINE SHUTOFF, KEY TYPE	DO NOT USE - ENGINE SHUTOFF
36AA1X	TETHER DEVICE PKG 1 (OIL FILL & EXP TNK CAPS)	TETHER DEV PKG, CAPS & COVERS
393AC3	LH RAIL UNDER CAB, PARALLEL TO FRAME W/STEPS, W/AIR RESERVOI	BATTERY BOX - MOUNTING
3EAB1X	MAIN SWITCH, FLAMING RIVER	MAIN SWITCH MANUFACTURER
405025	POLISHED ALUMINUM	BATTERY BOX COVERS
40AA1X	COOLING HOSES CLAMP, BASIC	COOLING HOSES CLAMP OPTIONS
4CCC1X	ALTERNATOR CABLE AMP RATING, LOW (UP TO 165 AMPS)	ALTERNATOR CABLE AMP RATING
508AA2	STANDARD COOLING PERFORMANCE	COOLING PERFORMANCE
5NXA1X	110 VOLT / 1.5 KW, ENGINE BLOCK HEATER	ENGINE BLOCK HEATER
64AA1X	ALTERNATOR MANUFACTURER-DELCO	ALTERNATOR MANUFACTURER
110AA6	MACK MP8 POWERLEASH	ENGINE BRAKE
113AA6	MERITOR/WABCO 318 (18.7 CFM)	AIR COMPRESSOR
118AB8	BEHR FAN AND ELECTRONIC MODULATING VISCOUS FAN DRIVE	FAN DRIVE
119AE9	CHEVRON COOLANT (50/50 MIX DYED PINK) TO -34DEG	COOLANT PROTECTION
121AA5	BLACK ALUMINUM BUG SCREEN MOUNTED BEHIND GRILLE, WITHOUT WIN	BUG SCREEN
124AA2	SILICONE RADIATOR AND HEATER HOSES	HOSES - RADIATOR/HEATER
125AA4	11" x 30" (279 mm x 762 mm) UNDER HOOD SINGLE ELEMENT DRY TY	AIR CLEANER
131AA4	12 VOLT DELCO 39MT-MXT	STARTER
132AB2	DELCO 12V 135A (35SI) BRUSHLESS	ALTERNATOR
140AA1	ALUMINUM	FLYWHEEL HOUSING
1UAABX	AIR CLEANER HOUSING MATERIAL, PLASTIC	AIR CLEANER HOUSING MATERIAL
1VAAAX	AIR INTAKE SOURCE, HOOD OUTSIDE	AIR INTAKE SOURCE
293AA2	MACK W/MANUAL DRAIN VALVE (INTEGRAL W/PRIMARY FUEL FILTER)	FUEL-WATER SEPARATOR
316AB5	(4) MACK 12V 800/3200 CCA THREADED STUD TYPE AGM LONG LIFE	BATTERIES

ENGINE EQUIPMENT : 54 items

CLUTCH/TRANS EQUIPMENT

Code	Description	Family
RAXA2X	1 (SINGLE) PLATE 17" (430MM), ORGANIC, B VERSION	CLUTCH TYPE
204AA9	SPICER SPL170XL "LIFE SERIES"	DRIVELINE - INTERAXLE
RDXD1X	SACHS CLUTCH	CLUTCH MANUFACTURER
RVXG1X	GEAR SHIFTING, BASIC	GEAR SHIFT LEVER
SL4044	50W (SYNTHETIC LUBRICANT)	SYNTHETIC LUBRICANT - TRANSMISSION
T2XB1X	MEC.TRAN. OIL COOL, WAT./OIL, HIGH PERF. VERS 2, GEARB.MOUNT	TRANSMISSION/RETARDER COOLER
THXC2X	PROP.SHAFT MANUF. BY SPICER WITH XL U-JOINTS	PROPELLER SHAFT MANUFACTURER
K1DN1X	TRANSM OIL PROPERTIES 10 STD 1273,19	TRANSMISSION OIL PROPERTIES
3IAA1X	HILL START ASSIST	HILL START ASSIST
49200B	MACK mDRIVE-PREMIUM SHIFTER	GEAR SHIFT
4LDA1X	TRANSMISSION OUTPUT TORQUE BASIC	
76AA1X	PROPELLER SHAFT MAIN, UNIVERSAL JOINT HALF-ROUND TYPE	PROPELLR SHAFT MAIN, UNVSL JNT
77AA1X	PROP SHAFT DIMENSION, INTERAXLE, SMALL	PROP SHAFT DIMENSION INTERAXLE
7RXB1X	SYNTHETIC OIL IN TRANSMISSION	LUBRICANTS, TRANSMISSION
8WAAAX	PROP SHAFT INTERAXLE, UNIV JOINT HALF-ROUND TYPE	PROP SHAFT INTERAXL UNIV JOINT
904014	HALF-ROUND	DRIVESHAFT UNIVERSL JOINT
133AC7	ZF/SACHS SINGLE PLATE 17" (430MM) ORGANIC MATERIAL	CLUTCH
139049	MACK mDRIVE TRANSMISSION OIL COOLER MOUNTED LH SIDE OIL TO W	TRANSMISSION OIL COOLER
192022	ALUMINUM	TRANSMISSION BELL HOUSING
195AB6	SPICER SPL250XL "EXTENDED LUBE SERIES" (PROPS-M)	DRIVELINE - MAIN
RCXB1X	ALUMINUM BELL HOUSING	BELL HOUSING

CLUTCH/TRANS EQUIPMENT : 21 items

FRONT AXLE EQUIPMENT

Code	Description	Family
V4AA1X	FRONT WHEEL BRAKE TYPE, "S" CAM (CAST)	WHEEL BRAKE TYPE, FRONT
245AA7	SHEPPARD M100P POWER	STEERING
X8AA1X	FRONT WHEEL BRAKE MANUFACTURER, MERITOR	WHEEL BRAKE MANUFACTURE, FRONT
XAXBPX	STEERING GEAR RATIO 18.9, FIXED	STEERING GEAR RATIO
YFXA5X	PARABOLIC SPRING (STIFFER THAN NORMAL) FRONT	FRONT SPRING TYPE
YKXA1X	LEAF (MECHANICAL) SUSPENSION ,FRONT	FRONT SUSPENSION SYSTEM
ZGXE1X	HUBCAP, FRONT, VISIBLE, DRAIN	FRONT HUBCAP TYPE
O5BD1X	FRONT BRAKE CHAMBER 24SQ INCHES (SERVICE)	FRONT BRAKE CHAMBER SIZE
SL6AAA	FACTORY OPTION FRONT WHEEL BEARINGS LUBRICANT	SYNTHETIC LUBRICANT - WHL BEARINGS
U0AA1X	FRONT BRAKE ADJUSTMENT, AUTOMATIC HALDEX	FRONT BRAKE ADJ. MANUFACTURE
U3XA1X	BRAKE, FRONT, DRUM CAST IRON	BRAKE, FRONT
U5XA1X	FRONT, DRUM BRAKE LINING 125MM	BRAKE DIMENSION, FRONT
UAXA1X	BRAKE SYSTEM, CONVENTIONAL	BRAKE SYSTEM
UDXZ1X	FRONT BRAKES WITHOUT DUST SHIELDS	FRONT AXLE BRAKE DUST SHIELD
FTXD1X	LOW GROUND CLEARANCE - HIGH OFFSET	GROUND CLEARANCE F.A.
FUXA1X	FRONT AXLE, BASIC	FRONT AXLE CONCEPT
FVXD0X	FRONT AXLE LOAD 5.4 TONNES (12000 LBS)	FRONT AXLE LOAD
FWXC1X	ROCKWELL FRONT AXLE	FRONT AXLE MANUFACTURER
FXXD1X	1 * 5.5 TONNES, FRONT AXLE	FRONT AXLE TYPE CAPACITY
FZXA1X	1 FRONT AXLE, 0 DRIVEN	FRONT AXLE ARRANGEMENT
IRXA1X	LUBRICATED SUSPENSION PINS AND BUSHINGS	FRONT SUSP MAINTENANCE
K4AE1X	SPINDLE NUTS, FRONT, INTERGRATED	SPINDLE NUTS, FRONT
LQXALX	BRAKE LINING MATERIAL FRONT, MERITOR SOR2003	BRAKE LINING MATERIAL FRONT
385A1X	DOUBLE ACTING TYPE	SHOCK ABSORBERS - FRONT
496001	SINGLE FRONT AXLE	
6ZXA1X	FRONT MUDGUARD, BASIC	MUDGUARD TYPE, FRONT AXLE
7VXA1X	PETROLEUM OIL IN FRONT AXLE	LUBRICANTS, FRONT AXLE
907017	WITH SINGLE STEER FRONT AXLE	2ND FRONT AXLE TIRES
0KXI1X	ALUMINUM PRESET HUB, FRONT W/ INTEGRATED SPINDLE NUT	HUB MATERIAL, FRONT
1BXI2X	PREMIUM HUB OIL SEAL, FRONT	HUB OIL SEAL, FRONT
1KAA1X	SHOCK ABSORBER, FRONT	SHOCK ABSORBER, FRONT
240020	12,000LB MERITOR MFS-131 (HIGH OFFSET) 5400 KG	FRONT AXLE
2410A1	MERITOR "S" CAM TYPE 16.5" x 5" Q+	BRAKES - FRONT
244AB2	MACK TAPERLEAF HD 12000# (5400 KG) GROUND LOAD RATING, EQUAL	SPRINGS - FRONT
V7AA1X	FRONT BRAKE CHAMBER MANUFACTURER, ANCHORLOK	FRONT BRAKE CHAMBER MFG.

FRONT AXLE EQUIPMENT : 35 items

REAR AXLE EQUIPMENT

Code	Description	Family
254AA1	OMIT DIFFERENTIAL LOCKS	TRACTION DIFFERENTIAL
256AA3	POWER DIVIDER LOCKOUT W/WARNING LIGHT AND BUZZER (INCLUDES I	POWER DIVIDER LOCKOUT
257325	3.25 RATIO	CARRIER/RATIO - REAR AXLE - RATIO
268AC9	40000# (18100kg) MERITOR MT40-14X4C AMBOID (HIGH ENTRY)	REAR AXLE/SUSPENSION - TANDEM
269052	52" AXLE SPACING (BOGIE WHEELBASE)	
2XBA1X	REAR SUSPENSION DEMAND, BASIC	REAR SUSPENSION DEMAND
300AA3	HALDEX "GOLD SEAL" BRAKE CHAMBERS	SPRING BRAKE CHAMBERS - VENDOR
UPXB1X	ANCHORLOK PARK BRAKE CHAMBER	PARK BRAKE CHAMBER MANUFACTURE
URXD1X	BRAKE VALVE VERSION, USA-BENDIX, WHERE POSSIBLE	BRAKE VALVE VERSION
V1AB1X	REAR BRAKE CHAMBER 30 / 30 SQ INCHES (SERVICE/EMERGENCY)	REAR BRAKE CHAMBER SIZE
V5AA1X	REAR WHEEL BRAKE TYPE, "S" CAM (CAST)	WHEEL BRAKE TYPE, REAR
WNX10X	WHEEL SENSOR ANTILOCK BRAKE SYSTEM	ANTILOCK BRAKE SYST.
WPXA1X	WITH TRACTION CONTROL	TRACTION CONTROL
WRXA1X	BENDIX ANTI LOCK BRAKE	ANTI LOCK BRAKE SYS. MFG
X7AA1X	REAR WHEEL BRAKE MANUFACTURER, MERITOR	WHEEL BRAKE MANUFACTURER, REAR
XUXA1X	REAR SUSPENSION HEIGHT STANDARD	REAR SUSPENSION HEIGHT

XYXA1X	REAR SUSP TRANSVERSE TORQUE RODS, ALL DRIVE AXLES	TRANSVERSE TORQUE RODS, R SUSP
YJXF1X	AIR SPRING, REAR	REAR SPRING TYPE
YLXB1X	REAR SUSPENSION SYSTEM, AIR	REAR SPRING SYSTEM
YVXA1X	SHOCK ABSORBER ,REAR	REAR SHOCK ABSORBER
ZAXA1X	ELECTRICAL REGULATION LEVELING DEVICE	SUSPENSION LEVELLING DEVICE
ZMXA1X	ESP BASIC PACKAGE	ESP PACKAGE
N2AE1X	SPINDLE NUTS, MAIN AXLE, INTERGRATED	SPINDLE NUTS, MAIN AXLE
O6ABHX	18 TONNES, REAR SUSPENSION CAPACITY (40000 LBS)	REAR SUSPENSION CAPACITY
R1XF1X	SINGLE REDUCTION REAR AXLE, MERITOR	REAR AXLE TYPE
R2XCGX	TANDEM AXLE, 18T, GCW57, SINGLE RED, MERITOR (MT-40-A14*C)	REAR AXLE
R3XB1X	WELDED REAR AXLE CASING	REAR AXLE CASING TYPE
R6XB1X	REAR AXLE CASING, HEAVY DUTY	REAR AXLE CASING DUTY RATING
R9XA1X	REAR AXLE DIFF CARRIER HOUSING MATERIAL - IRON	DIFFERENTIAL HOUSING MATERIAL
SL3033	75W - 90 (SYNTHETIC LUBRICANT) - SYNTHETIC	LUBRICANT - TANDEM REAR AXLE
TAXD7X	RATIO 3.25, REAR AXLE	REAR AXLE RATIO
U1AA1X	REAR BRAKE ADJUSTMENT, AUTOMATIC HALDEX	REAR BRAKE ADJ MANUFACTURE
U4XA1X	BRAKE, DRIVE REAR, DRUM CAST IRON	BRAKE, DRIVE, REAR
U8XA1X	REAR, DRUM BRAKE LINING 175MM	BRAKE DIMENSION, DRIVE
UEXZ1X	REAR DRIVE BRAKES WITHOUT DUSTSHIELDS	DRIVE AXLE BRAKE DUST SHIELD
UGXA1X	AUXILIARY PARK, TWO EXTRA PARKING BRAKE CHAMBERS	AUX.PARKING BRAKE CHAMBERS
UJXB1X	LOW MOUNTED BRAKE CYLINDER	BRAKE CYL. LOCATION (CA)
UKXA1X	BASIC LENGTH STROKE	BRAKE CYLINDER STROKE LENGTH
F1XH1X	REAR AXLE LOAD 18 TONNES (40000 LBS)	REAR AXLE LOAD
F2XQ1X	2 AXLES, 2 DRIVE, 4 AIR VOAS (1.8)	REAR AXLE INSTALLATION
GWXBYX	BOGIE SPREAD, 1320MM (52.0")	BOGIE SPREAD, REAR
J6DB1X	AIR SUSPENSION DUMP, SPEED LIMITED, WARNING IND & BUZZER	AIR SUSPENSION DUMP WARNING
MAXBJX	BRAKE LINING MATERIAL DRIVE, MERITOR SOR2003	BRAKE LINING MATERIAL DRIVE
329039	TRANSVERSE TORQUE ROD - ALL AXLES	TRANSVERSE TORQUE RODS
38AJ1X	VENDOR CARRIER	REAR AXLE DIFF CARRIER TYPE
3LAC1X	POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT	DIFFERENTIAL LOCK SWITCH
479029	REAR SPRING BRAKE CHAMBERS 30/30 TYPE	SPRING BRAKE CHAMBERS - SIZE
4AAA1X	REAR SUSPENSION MANUFACTURER, MACK	REAR SUSPENSION DESIGN
511011	CAM	REAR BRAKE TYPE
698AA6	MACK ROAD STABILITY ADVANTAGE BENDIX ABS/ATC/ESP W/YAW CONTR	ANTI-LOCK BRAKE SYSTEM
6GAAEX	DRV AXL SPNDL LOAD RATING R SRIES (23.6T TAND 11.8T SING)	DRIVE AXLE SPINDLE LOAD RATING
6MAA1X	REAR AXLE CASING WIDTH, STANDARD	REAR AXLE CASING WIDTH
717AB1	4S/4M SYSTEM REAR WHEEL END SENSORS	ABS SENSOR/CHANNEL OPTION
7WXB1X	SYNTHETIC OIL IN REAR AXLE, 75W-90	LUBRICANTS, REAR AXLE
882082	40000 LB. 18100 KG.	REAR AXLE RATING
883033	INTEGRATED TYPE	REAR AXLE SPINDLE NUT
888038	PDLO	PDLO
8ZDAAX	ELECTRONIC STABILITY CONTROL REGULATION FMVSS	STABILITY CONTROL REGULATIONS
979019	FACTORY OPTION WELD ON ABS	WELD ON ABS BLOCK OPTION
9GAAAX	ABS 4 SENSORS & 4 MODULATORS (FRONT & REAR AXLES)	ABS SENSOR & MODULATOR
018AA1	VENDOR CARRIER	CARRIER/RATIO - REAR AXLE
028AA0	VENDOR CARRIERS	REAR AXLE SUPPLIER- FBO
038028	REAR AXLE CASING HEAVY DUTY	RR AXLE CASING DUTY RATNG
039019	16.5" DIAMETER	REAR BRAKE DIAMETER
096056	MACK TANDEM AIR	REAR SUSPENSION
0LXI1X	ALUMINUM PRESET HUB, DRIVE W/ INTEGRATED SPINDLE NUT	HUB MATERIAL, DRIVE
186AC0	MAXLITE 40 EZ (GEN 2) 40,000 lb	REAR SUSPENSION - TANDEM
1CXI2X	DRIVE HUB SEAL, PREMIUM	HUB OIL SEAL, DRIVE
234064	SHOCK ABSORBERS - (4), OUTBOARD MOUNTED ON FORWARD AND REAR	SHOCK ABSORBERS - REAR
237037	AUX SPRING BRAKE QTY, 4 CHAMBERS	SPRING BRAKE CHAMBERS - QUANTITY
253AA4	MERITOR "S" CAM 16.5"x7" Q+	BRAKES - REAR

REAR AXLE EQUIPMENT : 71 items

PUSHER/TAG AXLE EQUIPMENT

Code	Description	Family
UFXZ1X	TRAILING BRAKES WITHOUT DUST SHIELDS	TRAIL. AXLE BRAKE DUST SHIELD

PUSHER/TAG AXLE EQUIPMENT : 1 item

FRAME EQUIPMENT/FUEL TANKS

Code	Description	Family
12AC1X	FUEL LINE OPTION, DUAL DRAW	FUEL LINE OPTIONS
14AA1X	FUEL FILL SYSTEM, BASIC	FUEL FILL SYSTEM
223AA3	STANDARD FINISH STEPS AND BRIGHT FINISH STRAPS	STEPS (BRIGHT) - FUEL TANK
243023	(2) CLEVIS	TOWING DEVICE - FRONT
274AA3	STEEL - 266MM X 90MM X 7MM -- (10.47" X 3.54" X 0.275")	FRAME RAILS
279069	FLUSH-STAINLESS CLAD ALUMINUM	BUMPER - FRONT
281AA3	HIGHWAY SEVERE DUTY BOC AND BCL CROSSMEMBERS	CROSSMEMBERS
286AA7	FURNISH TAPERED & FLANGED FRAME RAIL ENDS (28 DEG) FOR USE W	TAPERED FRAME RAIL ENDS
290AB4	72 GALLON (275 L) 26" ALUMINUM ROUND	FUEL TANK - RH
294094	ELECTRONIC SENDING UNIT MOUNTED ON LH TANK	GAUGE - FUEL LEVEL
2RAA1X	BASIC FUEL LEVEL SENDER MOUNTED ON L.H TANK	FUEL LEVEL SENDER UNIT
374056	56"	AF (OVERHANG)
271180	180"	WHEELBASE
288AB4	72 GALLON (275 L) 26" ALUMINUM ROUND	FUEL TANK - LH
464AA4	PLASTIC QUARTER FENDERS	MUD FLAP BRACKETS
4DXP1X	BUMPER SS CLAD ALUM, ROUND SWEPT-BACK/U-CHANNEL FLUSH	FRONT BUMPER
4EXF1X	TWO CLEVIS TOWING DEVICE, FRONT	TOWING DEVICE, FRONT
4YAAAX	FRAME FASTENERS-HUCK BOLTS	FRAME FASTENINGS
5EXF1X	GUARD - RADIATOR	GUARD, UNDER FRONT
68XE1X	QUARTER FENDER, RUBBER WITH LOGO	REAR FENDER
69XD3X	MUDFLAP HANGER, BETTS ROD ANGLE DOUBLE COIL SPRING PAINTED	MUDFLAP HANGERS, REAR AXLE
6DAAAX	CAB FOOTSTEP MATERIAL/FINISH, ALUMINUM	CAB FOOTSTEP MATERIAL/FINISH
6LBB1X	FUEL TANK VENTILATION, BASIC	FTVE-BAS
7XBA1X	FUEL TANK DRAINAGE, BASIC	FUEL TANK DRAINAGE
84AB1X	REAR FENDER MANUFACTURER,FLEETLINE	REAR FENDER MANUFACTURER
8EXB1X	STEEL INTERMEDIATE CROSSMEMBER	INTERMEDIATE X-MEMBER MATRL
A0XK1X	FRONT FRAME LENGTH 1285MM	FRONT FRAME LENGTH
F3XRAX	XM = 6840 MM, REAR AXLE POS	REAR AXLE POSITION
FBXA1X	DIESEL	FUEL TYPE, LIQUID
FFLK1X	FRONT FRAME LENGTH 1285MM	FRONT FRAME LENGTH
J8XBZX	LHS FUEL TANK, 275L (72 US GAL)	FUEL TANK, LEFT HAND SIDE
J9XBZX	RHS FUEL TANK, 275L (72 US GAL)	FUEL TANK, RIGHT HAND SIDE
JHXB1X	FUEL HOSES, WIRE BRAIDED	FUEL HOSES
KBXB1X	FUEL TANK, ROUND , DIAM. 660MM (26")	FUEL TANK SHAPE
KDXB1X	FUEL TANK MOUNTING, DUAL MOUNTED FUEL TANK (LFUEL AND RFUEL	FUEL TANK MOUNTING
KEXA1X	FUEL TANK MATERIAL, ALUMINUM	FUEL TANK MATERIAL
KFXA1X	NON-LOCKABLE FUEL TANK CAP	FUEL TANK CAP
KHXB1X	STAINLESS STEEL FUEL TANK STRAPS	FUEL TANK STRAPS MTRL
MAM01M	30" to 82"	AFTERFRAME RANGE
OAXC6X	BOC AND INTERM X-MBRS: THICKER C CHANNEL, RIVETED	X-MBR CONFIG AND POSITION
Q2AA1X	CAB STEP,BASIC	CAB STEP VERSION
Q5AC4X	REAR X-MBR TAPERED/COVERED FLANGE FRAME END, FOR TAILAMPS	REAR CROSSMEMBER OPTIONS
Q8XA1X	ACKERMAN SETTING 1 WB.(3556-4826 MM)(140-190 US INCHES)	ACKERMAN SETTING
U7CA6X	LH FUEL TANK FRONT FACE LOCATION @ X-MAIN4950, TANK REARWARD	LH FUEL TANK FACE LOCATION
U8CFMX	RH FUEL TANK FRONT FACE LOCATION @ X-MAIN5018, TANK REARWARD	RH FUEL TANK FACE LOCATION
X0XA1X	FRAME FLANGE WIDTH 90MM	FRAME FLANGE WIDTH
X6XCBX	TAPERED CUT TREAT 28 DEGREES,REAR FRAME, W/BUILT IN TAILAMPS	REAR FRAME TREATMENT

RAP4XP	XM = 6840 MM, REAR AXLE POS	REAR AXLE POSITION
RFL48L	REAR FRAME LENGTH, 2095 MM	REAR FRAME LENGTH
X8XB1X	STEEL FORWARD REAR SUSP. CROSSMEMBER	FORW REAR SUSP. X-MEMBER MTRL
YAXB1X	7 MM THICK FRAME	FRAME SECTION
YBXFAX	FRAME RAIL EXTERNAL HEIGHT (266MM)	FRAME RAIL SECTION-HEIGHT
YDXSWX	REAR FRAME LENGTH, 2095 MM	REAR FRAME LENGTH
ZIXA1X	CROSSMEMBER, BOGIE, STEEL	CROSSMEMBER, BOGIE, MATERIAL

FRAME EQUIPMENT/FUEL TANKS : 54 items

AIR/BRAKE

Code	Description	Family
1JAABX	PARK BR VALVE, 1 YELLOW KNOB, ALL PARK & 1 RED, TRAILER PARK	PARKING BRAKE VALVE
302022	TWO (2) VALVE DUAL BRAKE SYSTEM - TRAILER SUPPLY AND TRACTOR	BRAKE CONTROL VALVE SYSTEM
3MBA1X	PARK BRAKE ALARM, SOUNDS IF BRAKE OFF & DRIVER'S DOOR OPENED	PARK BRAKE ALARM
8HAA1X	AIRTANK ARRANGEMENT, BASIC	AIRTANK ARRANGEMENT
KOXA1X	AIR DRYER POSITION STANDARD	AIR DRYER POSITION
U2XA1X	ALUMINUM AIRTANK	AIRTANK MATERIAL
UWXD1X	MANUAL DRAIN VALVES, LANYARD ON WET TANK	AIRTANK DRAIN VALVE
VHXEDX	WABCO AIR DR, 1200UP W/ T CUT OFF VALVE, W COALESC OIL FILTE	AIR DRYER - MANUFACTURER

AIR/BRAKE : 8 items

ELECTRICAL

Code	Description	Family
312AB3	(5) TRUCKLITE MARKER LIGHTS	IDENTIFICATION/CLEARANCE LIGHTS
3UAC3X	ROOF LAMP, RECTANGULAR FLUSH, TRUCKLITE	ROOF LAMP STYLE & MFG.
3VAB1X	ROOF LIGHT BULB, LED	ROOF LIGHT BULB
5RXA6X	BACK UP ALARM, 107DB, ECCO (CONSTANT SOUND)	BACK-UP ALARM
905045	PARK BRAKE AND ENGINE RUNNING ACTIVATED	DAYTIME RUNNING LIGHTS
9FCB1X	FOG LAMP TECHNOLOGY LED	FOG LAMP TECHNOLOGY
EAXB1X	WIRING FOR TWO AUX. SWITCHES	AUXILIARY SWITCH WIRING
LSXH1X	DRL WHEN ENG RUNNING, PARK BRAKE OFF	LOW BEAM
LVX40X	SYMMETRIC HEAD LAMP	HEADLAMP ASYMMETRIC
NEXK2X	TAIL LAMP, STOP LED, BACK UP, LICENSE PLATE LAMPS STD	TAIL LAMPS
NGXB1X	WHITE FOG LAMP	AUX. FOG LAMP
Q8CH1X	CHASSIS WIRING HARNESS CASING, HEAVY DUTY	CHASSIS WIRING HARNESS CASING

ELECTRICAL : 12 items

TRAILER CONNECTIONS

Code	Description	Family
008068	LOW PROFILE DECK PLATE	TRAILER ACCESS PACKAGE
2UAA1X	TRAILR ELECTRCAL CABLE CONFIG, STRAIGHT,SHORT(3650MM OR 12')	TRAILR ELECTRICAL CABLE CONFIG
301021	HAND CONTROL VALVE FOR TRAILER BRAKES	HAND CONTROL VALVE
321021	SINGLE, 7 PINS STD SAE TYPE, BACK OF CAB	TRAILER RECEPTACLE
3220C2	SINGLE TRUCKLITE SUPER-44 LED, RECESSED LHS BOC W/RUBBER GRO	TRAILER HOOK-UP LIGHT
330AI6	AIR - JOST JSK37USL SERIES, LH RELEASE (AVAIL: 6.73",7.76",8	FIFTH WHEEL
3SAA1X	TRAILER CONNECTORS HOLDER, 2 AIR, 1 ELECTRIC	TRAILER CONNECTORS HOLDER
4HAA1X	ELECTRICAL RECEPTACLE, SINGLE, STANDARD SAE TYPE	ELECTRICAL RECEPTACLE TYPE
4SAC1X	FIFTH WHEEL TRAVEL, AIR SLIDE CONCEPT	FIFTH WHEEL TRAVEL CONCEPT
517027	TRAILER AIR BRAKE CONNECTIONS, BACK OF CAB	TRAILER CONNECTIONS
51XABX	TRLR BRK HOSEHANGER TOWEL BAR AND 2 SPRING HANGERS	TRAILER BRAKE HOSEHANGER
53XA7X	TR BRK CONN, EMERG UNIVERSAL (NON POLARIZED)	TRAILER BRAKE CONNECTION
54XZ2X	7-POL ELECTRICAL TRAILER CONNECTOR (24N)	TRAILER ELECTR. CONNECTORS
5ZXAEX	TRAILER BRAKE HOSE STRAIGHT LONG 2 (4870MM)	TRAILER BRAKE HOSES & CABLES
6BX5XX	(26") 660MM BEHIND THE REAR AXLE	FIFTH WHEEL POSITION
6DXH1X	FIFTH WHL ANG MTG FOR SLIDING 5WH, 24" (AIR OR MAN)	FIFTH WHEEL MOUNTING
6EXBMX	171MM (6.75"), FIFTH WHEEL LEG-HEIGHT (SELECTED BY KAX)	FIFTH WHEEL LEG-HEIGHT
6GXA2X	5TH WHEEL JOST 37USL, TILT	FIFTH WHEEL TYPE

6JXG1X	610MM (24.0"), FIFTH WHEEL SLIDING TRAVEL MAX.	FIFTH WHEEL TRAVEL
6TXF1X	LH STRAIGHT FIFTH WHEEL RELEASE	FIFTH WHEEL RELEASE
7KBA1X	TRAILER EL RECEPTACLE LOCATION, BACK OF CAB	TRAILER EL RECEPTACLE LOCATION
7KXA3X	REAR DECK, LOW PROFILE(US=20")	REAR DECK
81AB1X	WORKING LAMP TECHNOLOGY, LED	WORKING LAMP TECHNOLOGY
9DAABX	5TH WHEEL ANGLE, 10MM THICKNESS	5TH WHEEL ANGLE THICKNESS
E5BABX	1170MM (46") GROUND TO 5TH WHEEL TOP HEIGHT	GROUND TO 5TH WHEEL TOP HGT.
LIXA1X	STEEL FIFTH WHEEL ANGLES	FIFTH WHEEL ANGLE MATERIAL
N5XI0X	WORKING LAMP CAB BACK,1 LAMP,WHITE,LEFT,RECES,LOW, TRUCKLITE	WORKING LAMP
WGXA1X	1 VALVE, TRAILER BRAKE	TRAILER BRAKE VALVE
WHXQ1X	TRAILER CONNECTION POSITION, BACK OF CAB	TRAILER CONNECTION POSITION

TRAILER CONNECTIONS : 29 items

PTO

Code	Description	Family
189AK9	mDRIVE Without PTO, Removable Block Off Plate	PTO - REAR MOUNTED
1910D1	MDRIVE SINGLE PTO PREP KIT	PTO - CONTROL
D4AA1X	TRANSMISSION PTO FUNCTIONS BASIC	AMT/AUTOMATIC TRANS PTO FUNCT.
TYXG3X	PTO CONTROL, SINGLE, EL & AIR PREP KIT, TRANSM MTD SOL VALVE	POWER TAKE OFF CONTROL

PTO : 4 items

SPECIALTY EQUIPMENT

Code	Description	Family
015025	NO FRAME MODIFICATIONS PROVIDED	FRAME MODIFICATION
8FXU1X	UNIFORM LOAD NO ADAPTATION	TRANSPORT ADAPTATION
997AA2	CERTIFIED WEIGHT	CERTIFIED WEIGHT

SPECIALTY EQUIPMENT : 3 items

CAB

Code	Description	Family
0KAA1X	FLOOR COVER, CENTER, POLYURETHANE	FLOOR COVER, CENTER MATERIAL
173AA5	BLEND AIR HVAC W/"ATC" TEMP REGULATION	AIR CONDITIONING/HEATER
184AA3	POLYURETHANE FLOOR MAT W/ REMOVABLE INSERTS	FLOOR COVERING
198048	U.S. UNITS (PREDOMINANT)	GAUGES - METRIC
1XAA1X	FIRE EXTINGUISHER LOCATION, DRIVER SEAT	FIRE EXTINGUISHER LOCATION
1ZAB1X	DOOR STORAGE COMPARTMENT, BOTH SIDES	DOOR STORAGE COMPARTMENT
206026	EXHAUST PYROMETER GAUGE	GAUGE - EXHAUST PYROMETER
214024	TRANSMISSION OIL TEMP GAUGE	GAUGE-TRANS.OIL TEMP.
31XB1X	FLOOR MAT, POLYURETHANE, BOTH SIDES	FLOOR MATS
403053	BLEND AIR HEATER	HEATER
40XAKX	HAND FIRE EXTINGUISHER 1.1 KG (2.5LB) ENGLISH DECAL, ABC	FIRE EXTINGUISHER
4AXC1X	ELECTRONIC CONTROLLED CLIMATE CONTROL AIR CONDITION	CLIMATE UNIT
786056	2.5LB (ABC RATED/AMEREX) BETWEEN DRIVER SEAT AND DOOR VALVE	FIRE EXTINGUISHER
B4BAAX	GAUGES GRADUATION (EXCL. SPDM), IMPERIAL UNITS	GAUGES GRADUATION (EXCL. SPDM)
CCXF1X	2ND GA PKG W/ENG OIL TEMP,TRANS OIL TEMP,PYRO,APP AIR PRESS	SECONDARY GAUGE PACKAGE
D9AAAX	EXHAUST PYROMETER GAUGE	GAUGE EXHAUST PYROMETER
E0AAAX	TRANSMISSION OIL TEMP GAUGE	GAUGE TRANSM. OIL TEMP
I0XAHX	DOME LAMP, INTERIOR, 2 EACH SIDE, SWITCHES INCLUDED	DOME LAMP, INTERIOR
I2AAAX	BRAKE PRESSURE APPLICATION GAUGE, ELECTRONIC	SERVICE TRAILER BRAKE PRESSURE
M3AA1X	REAR AIR SUSPENSION GAUGE	GAUGE, REAR AIR SUSP PRESSURE
N6XA2X	STANDARD GAUGE PACKAGES	GAUGE PACKAGES
N8XD1X	MILES/HOUR, KILOMETER/HOUR SPEEDOM. GRADUATION	SPEEDOM. GRADUATION
X6CB1X	FIRE-EXTINGUISHER MANUFACTURE, AMEREX	FIRE EXTINGUISHER MANUFACTURE
0CAC1X	EMERGENCY KIT LOCATION, OUTSIDE PASSENGER SEAT BASE	EMERGENCY KIT LOCATION
0MAA1X	HEADLINER, VINYL	HEADLINER MATERIAL
13AA1X	DOOR OPENING OPTION, MANUAL	DOOR OPENING OPTIONS
160AA2	ALL CHASSIS KEYED AT RANDOM	KEYED ALIKE CHASSIS

17400N	PREMIUM STEREO, AM/FM, CD-PLAYER, MP3, WEATHER BAND, BLUETOO	RADIO/RADIO ACCOMODATION
1WAB1X	POWER LEAD, 5WAY TYPE, HEADLINER MTD	POWER LEADS
20XA1X	ALL CHASSIS KEYED AT RANDOM	KEY TYPES FOR DOORS
21XA1X	AUX. REAR WINDOW - FIXED	AUXILIARY REAR WINDOW
3XCB1X	INTERIOR ILLUMINATION TYPE, LED	INTERIOR ILLUMINATION TYPE
4VX31X	THREE WARNING TRIANGLES	SAFETY EQUIPMENT
5BXB5X	MIRROR MTD ANTENNA CB, LEFT, 48" LENGTH	ANTENNA, CB RADIO
5CXB2X	SPEAKER LOCATION, IN DOORS, MIDDLE HIGH SIDE PANEL	SPEAKER LOCATION
5EAA1X	AUDIO INTEGRATED HANDSFREE PHONE, BLUETOOTH	AUDIO INTEGRAT. PHONE HANDSFRE
5FAA1X	AUDIO COMMUNICATION CONNECTOR, USB AUDIO	AUDIO COMMUNICATION CONNECTOR
5GAA1X	AUX.LINE IN CONNECTOR IN AUDIO	AUX AUDIO CONNECTOR
5JXALX	CB MOUNTING, OVERHEAD COMP, VELCRO STRAP	COM.RADIO PREP KIT (CB)
73AJ1X	ANTENNA, RADIO, MIRROR MTD, RIGHT, 48" LENGTH	ANTENNA, RADIO
8BXA1X	2 KEYS PROVIDED PER TRUCK (IGNITION AND DOOR LOCKS)	KEY QUANTITY PER TRUCK
9HAABX	AUDIO WAVEBANDS FM 87,75+87,9-107,9 MHZ, AM 530-1710 KHZ	AUDIO WAVEBANDS
C52082	DEFAULT: ENGLISH, SPANISH, FRENCH	INSTMNT CLUSTER LANGAGE
CBXAGX	DRIVER INFO DISPLAY STANDARD	
DBXA1X	BASIC DASH-BOARD	DASHBOARD
E3XC1X	FORWARD OVERHEAD STORAGE, 3 STORAGE COMPMNT W/NET	FORWARD OVERHEAD STORAGE
F8XC8X	RADIO, AM/FM, CD-PLAYER, MP3, WEATHER BAND	AUDIO SYSTEM
IFXB1X	REAR WALL STORAGE COMPARTMENT ,FIXED	REAR WALL STORAGE COMPARTMENT
N1XB5X	DASH, DUAL OUTLET- 12V	ELECTRICAL DASH OUTLET
004034	PREFERRED TRIM PACKAGE, STEEL GRAY (Package 12A)	INTERIOR TRIM LEVELS
0HAA1X	SEAT SUPPORT, DUST COVER, DRIVER SIDE	SEAT SUPPORT, DUST COVER
145AA1	TINTED WINDSHIELD & SIDE WINDOWS & REAR WINDOW (IF EQUIPPED)	GLASS - CAB WINDOW
146AA3	POWER WINDOW LIFT WITH ELECTRIC DOOR LOCK, LH & RH	WINDOW CONTROLS
148AA3	2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE	WINDSHIELD WIPERS
161021	2 SPOKE LEATHER GRIP, SATIN ALUMINUM SPOKES, WITH SWITCHES	STEERING WHEEL
196ABQ	MACK-AIR, HIGH BACK, 4 CHAMBER AIR LUMBAR, BOLSTER, EXTENSIO	SEAT - DRIVER
197AA1	MACK-FIXED, HIGH BACK	SEAT - RIDER
1DAF2X	SEAT MFG & SERIES, DRIVER, SEARS GENERIC	SEAT MFG. AND SERIES, DRIVER
1GAF2X	SEAT MFG & SERIES, PASSENGER, SEARS GENERIC	SEAT MFG. & SERIES, PASSENGER
1EAJ1X	DRIVER SEAT UPHOLSTERY COLOR, GREY	DRIVER SEAT UPHOLSTERY COLOR
1HAJ1X	PASSENGER SEAT UPHOLSTERY COLOR, GREY	PASSNGR SEAT UPHOLSTRY COLOR
2QAA1X	IGNITION TYPE, KEY	IGNITION TYPE
2WXA9X	DIAMETER 460 MM STEERING WHEEL	STEERING WHEEL
2XX35X	ELECTRICAL WINDOW LIFT, BOTH DOORS	WINDOW LIFT
2ZX25X	TINTED WINDOW GLASS	GLASS COLOUR
34XB1X	FIXED PASSENGER SEAT	PASS SEAT SUPPORT
3AXA1X	CENTRAL DOOR LOCKING	DOOR LOCK CAB
3PXC1X	SEAT ARMREST SINGLE, BOTH (DRIVER AND PASS.SIDE)	SEAT ARMREST
3ZXG2X	DRIVERS SEAT, AIR SUSPENDED	DRIVER SEAT SUPPORT
4PXAHX	3 POINTS, BOTH SEATS, WITH HEIGHT ADJ	SEAT BELT
592092	LAP & SHOULDER (BOTH SEATS) CAB MOUNTED SHOULDER BELT ADJUST	SEAT BELTS/RETRACTORS
7BAA6X	STEERING WHEEL MATERIAL, LEATHER	STEERING WHEEL MATERIAL
ASXABX	TINTED GLASS, LOW (LEVEL OF TINTING)	REAR WINDOW FEATURES
D2XA1X	WIPER BLADE, BASIC	WIPER BLADE STYLE
I4CMAX	INTERIOR TRIM PACKAGE 12 ,MID LEVEL, GREY	INTERIOR TRIM PACKAGE
I5DA1X	STANDARD WIDTH, HIGH BACK, WITHOUT BELT IN SEAT	SEAT PROFILE, DRIVER
I6DA1X	STANDARD WIDTH, HIGH BACK, WITHOUT BELT IN SEAT	SEAT PROFILE, PASSENGER
I7DD6X	DR SEAT COMF,4 LUMB CHAM AIR ADJ, BOLSTER, EXTENSION	SEAT COMFORT, DRIVER
JQXAAX	WASHER RESERVOIR BASIC POSITION	WASHER RESERVOIR POSITION
LYXF1X	WITH STEERING WHEEL SWITCHES	STEERING WHEEL SWITCHES
MAPC2X	DRIVER'S SEAT - STEEL GREY VINYL / CLOTH MIX	SEAT COVERING - DRIVER'S
MAQC2X	PASSENGER'S SEAT - STEEL GREY VINYL / CLOTH MIX	SEAT COVERING - PASSENGER'S

NIXA1X	WIPER SWITCH 4 POSITION (GENERIC 2 SPEED PLUS INTERMITTENT F	WIPER SWITCH
NPXB1X	SELF CANCELLING TURN SIGNAL	TURN SIGNALS
OUXA1X	SEAT BELT DRIVER SEAT BLAC	SAFETY BELT DRIVER SEAT
OXXA1X	SAFETY BELT PASSENGER SEAT BLAC	SAFETY BELT PASSENGER SEAT
U3CK1X	DRIVERS SEAT UPHOLSTERY VINYL SIDES, CLOTH CUSHIONS	DRIVERS SEAT UPHOLSTERY
U4CK1X	PASSENGERS SEAT UPHOLSTERY VINYL SIDES, CLOTH CUSHIONS	PASSENGERS SEAT UPHOLSTRY
U7XB1X	INTERNAL SUNVISOR FRONT, BASIC (NO MIRROR), BOTH SIDES	SUNVISOR INTERIOR, FRONT
VPXA1X	TINTED GLASS, ALL DOORS - GREEN	GLASS COLOUR DOORS
WSXBAX	SPLITTED WINDSCREEN	WINDSCREEN TYPE
XRXB1X	ADJUSTABLE STEERING WHEEL, 2 MOTIONS	STEERING WHEEL ADJUSTMENT

CAB : 92 items

CAB - SLEEPER BOX

Code	Description	Family
016AA1	Day Cab (No Sleeper)	SLEEPER BOX
144AB4	LH-DRIVE CA68 CONV CAB	CAB

CAB - SLEEPER BOX : 2 items

CAB EXTERIOR

Code	Description	Family
0EAA1X	AIR INTAKE GRILLE, BRIGHT FINISH	AIR INTAKE GRILLE, FINISH
0JAA1X	CAB GRAB HANDLES, OUTER AND INNER, BASIC	CAB GRAB HANDLE
152092	AERO MIRROR - BLACK, HEATED & MOTORIZED both sides, WIDE ANG	MIRRORS - EXTERIOR
153AA1	OMIT CONVEX MIRRORS	MIRRORS - CONVEX TYPE CAB DOORS
154AC3	(2) MACK RECTANGULAR SINGLE TRUMPET, BRIGHT FINISH ALUMINUM	HORN - AIR
15H0SH	CONVEX AERODYNAMIC HOOD MIRROR, HEATED, RH & LH (BLACK as of	MIRRORS - CONVEX TYPE HOOD & FENDER
16AABX	HOOD MIRROR LOCATION BOTH SIDES	HOOD MIRROR LOCATION
17AC1X	HOOD MIRROR SHAPE AERODYNAMIC	HOOD MIRROR SHAPE
18AAAX	HOOD MIRROR FORM, US STD. CONVEX	HOOD MIRROR FORM
28XB1X	BRIGHT GRILLE (CHROME PLATED)	FRONT GRILLE
2DX90X	REAR CAB SUSPENSION, AIR	CAB SUSPENSION REAR
2KXA1X	BASIC FRONT WHEEL OPENING	FRONT WHEEL OPENING
340AB1	FIBERGLASS - AXLE BACK STYLE	HOOD AND FENDERS
3GXC1X	HEATED, EL. OPERATED EXT. MIRRORS, BOTH SIDES	EXTERIOR MIRROR FEATURES
3HXB1X	WIDE-ANGLE MIRROR ,BOTH SIDES	AUXILIARY MIRROR,WIDE-ANGLE
400AA3	BRIGHT FINISH BARS W/BRIGHT FINISH SURROUND HOOD MOUNTED	GRILLE
45AA4X	EXT. MIRROR HOUSING SHAPE, AERO	EXTERIOR MIRROR HOUSING SHAPE
47AB1X	MAIN MIRROR HOUSING FINISH, BLACK	MAIN MIRROR HOUSING FINISH
65AA1X	AIR HORN, FINISH, CHROMED/BRIGHT FINISH	AUX. AIR HORN FINISH
6IAAGX	CAB GRAB HANDLES, BLACK FINISH, PREMIUM	
5870G7	PREMIUM BLACK EXTERIOR CAB GRAB HANDLE, BLACK GRAB HANDLE RH	
7QAAAX	AUXILIARY REFLECTORS, 2 ROUND RED, BACK OF CAB	AUXILIARY REFLECTORS
88AA1X	EMBLEMS OPTION, COMPLETE	EMBLEMS OPTION
89AA1X	ENGINE COMPARTMENT INSULATION, HOOD	HOOD INSULATION, CLIMATE
LXXD1X	2 SINGLE ELECTRIC HORN, DIFFERENT TONES	HORN, ELECTRICAL
LZXJ1X	AIR HORN, ROOF MOUNTED, 2 SINGLES, WITH PROTECTIVE SHIELD	AUX. HORN
Q4XADX	AUX. WIN. DOOR ON RIGHT SIDE NON STG WHL POS. DEPEND	DOOR WINDOW FRONT

CAB EXTERIOR : 27 items

AERODYNAMIC DEVICES

Code	Description	Family
159AB1	ROOF FAIRING W/ SIDE SHIELDS (ROOF PIECES NOT INSTALLED)	AERODYNAMIC AIDS
4RXA1X	AERODYN.DEVICE, ROOF	AERODYN.DEVICE, ROOF
4SXA1X	AERODYN. DEVICE, CAB, SIDE EXTENSION LONG	AERODYN.DEVICE, CABSIDE
MZ1021	ROOF FAIRING IMAGE FOR PAWS SIDE VIEW	
MZ3023	SIDE EXTENSIONS IMAGE FOR PAWS SIDE VIEW	
MZ4024	EXHAUST IMAGE FOR PAWS SIDE VIEW	

MZ5025	QUARTER FENDER IMAGE FOR PAWS TOP VIEW
MZ7027	POOL LADDER IMAGE FOR PAWS TOP VIEW

AERODYNAMIC DEVICES : 8 items

WHEELS & TIRES

Code	Description	Family
01XC1X	DIAM 22.5 INCH, FRONT WHEEL & TIRE	WHEEL & TIRE DIAMETER FRONT
02XC1X	DIAM 22.5 INCH, DRIVE WHEEL & TIRE	WHEEL & TIRE DIAMETER DRIVE
04XC1X	WHEEL BRAND FRONT, ALCOA	WHEEL BRAND, FRONT
05XC1X	WHEEL BRAND DRIVE, ALCOA	WHEEL BRAND, DRIVE
0AXB1X	DISC WHEEL PCD 286 MM HUB PILOT	WHEEL TYPE FRONT
0BXB1X	DISC WHEEL PCD 286 MM HUB PILOT	WHEEL TYPE DRIVE
0DXA5X	DRIVE WHEEL, SAME MATERIAL & FINISH	DRIVE WHEEL MATERIAL SAME/MIXED
0GXB1X	ALUMINUM WHEEL, FRONT	WHEEL MATERIAL FRONT
0HXB1X	ALUMINUM WHEEL ,DRIVE	WHEEL MATERIAL DRIVE
0PXE1X	WHEEL WIDTH 8.25 INCH	WHEEL DIMENSION FRONT
0RXE1X	WHEEL WIDTH 8.25 INCH	WHEEL DIMENSION DRIVE
15XABX	TIRE INFLATION VALVE, STANDARD	TIRE INFLATION VALVE
1JXS2X	TIRE 295/75 ,FRONT AXLE	TIRE DIMENSION FRONT
1KXG1X	LOAD RANGE G, FRONT TIRE	TIRE LOAD CAPACITY, FRONT
1NXS2X	TIRE 295/75 ,DRIVE AXLE	TIRE DIMENSION DRIVE
1RXG1X	LOAD RANGE G, DRIVE TIRE	TIRE LOAD CAPACITY, DRIVE
1TXA1X	BRIDGESTONE, FRONT TIRE	TIRE MAKE FRONT
1UXA1X	BRIDGESTONE, DRIVE TIRE	TIRE MAKE DRIVE
2350E5	MACHINE CLEAN BUFFED - ALL WHEELS	WHEELS - POLISHED (REAR)
250AC1	ALUMINUM DISC	FRONT WHEEL TYPE
267AC1	ALUMINUM DISC	REAR WHEEL TYPE
3PBA1X	WHEEL NUT BASIC FINISH, REAR	WHEEL NUT FINISH, REAR
346AI7	22.5x8.25 ALCOA LVL ONE ALUM DISC 10-HOLE HUB PILOTED (11 1/	WHEELS - REAR
44AALX	WHEEL FINISHING REAR, MACHINED BUFF	WHEEL FINISHING, REAR
49AALX	WHEEL FINISHING FRONT, MACHINED BUFF	WHEEL FINISHING, FRONT
4OAB9X	BASIC, 10 HAND HOLES WHEEL STYLE, FRONT	WHEEL STYLE, FRONT
4QAD7X	WHEEL RIM OFFSET, FRONT 6.60 INCHES	WHEEL RIM OFFSET, FRONT
4WCC1X	GHG STEER TIRE CATEGORY, LOW ROLLING RESISTANCE	GHG STEER TIRE CATEGORY
4XCA1X	GHG DRIVE TIRE CATEGORY, ADVANCED LOW ROLLING RESISTANCE	GHG DRIVE TIRE CATEGORY
4YCA1X	GHG AUXILIARY TIRE CATEGORY, ADVANCED LOW ROLLING RESISTANCE	GHG AUXILIARY TIRE CATEGORY
531AI4	22.5x8.25 ALCOA LVL ONE ALUM DISC 10-HOLE HUB PILOTED	WHEELS - FRONT
56AD1X	3355 KG (7,400 LB) WHEEL LOAD MAX DRIVE PER WHEEL	WHEEL LOAD MAX DRIVE PER WHEEL
57AD1X	WHEEL RIM OFFSET, DRIVE 6.60 INCHES	WHEEL RIM OFFSET DRIVE
58AD1X	BASIC, 10 HAND HOLES WHEEL STYLE DRIVE	WHEEL STYLE, DRIVE
60AD1X	3355KG (7400LB) WHEEL LOAD MAX, FRONT PER WHEEL	WHEEL LOAD MAX, FRONT
7ECF5X	INSIDE WHEEL TURNING ANGLE, 50 DEGREES	INSIDE WHEEL TURNING ANGLE
7MXDZX	512.0 REAR TIRE REVS PER MILE	REAR TIRE REVS PER MILE
80AA1X	WHEEL NUT & FINISH BASIC, FRONT	WHEEL NUT FINISH, FRONT
9002K0	297/75R22.5 G BRIDGESTONE R283A ECOPIA	TIRES BRAND/TYPE - FRONT
901AK3	295/75R22.5 G BRIDGESTONE M710 ECOPIA (22700 lbs) (DRIVE ONL	TIRES BRAND/TYPE - REAR
FWT002	TWO FRONT TIRES & WHEELS	FRONT AXLE TIRE & WHEEL QUANTITY
H1EB1X	DRIVE WHEEL STUDS, LONG	
H8CB1X	TIRE SPEED LIMIT BASIC	TIRE SPEED LIMIT REDUCED
N6BOEX	R283A ECOPIA, FRONT TIRE TREAD, BRIDGESTONE, LONG/REGNL HAUL	FRONT TIRE TREAD
N7BE4X	M710 ECOPIA, DRIVE TIRE, BRIDGESTONE, LONG/REGIONAL HAUL	DRIVE TIRE TREAD
RWT008	EIGHT REAR AXLE TIRES & WHEELS	REAR AXLE TIRE & WHEEL QUANTITY

WHEELS & TIRES : 46 items

COMMUNICATION SYSTEMS

Code	Description	Family

2JCA1X	REMOTE DIAGONISTIC SERVICES, ENABLED	REMOTE DIAG SERVICES
3FCZ1X	COMM SYS NOTIFICATION, DISABLE - MESSAGE RECIEVED FUNCTION	COMMUNICATION SYS NOTIFICATION
3YAA1X	DISPLAY FEATURES, LIMITED, NO DRIVER ACCESS LEVEL 1	DISPLAY FTRS ACCESS, LMTD DRVR
5JBE5X	GATEWAY WITH 4G/LTE AND WLAN	TELEMATICS COMMUNICAT GATEWAYS
M30060	TELEMATICS GATEWAY, 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC S	TELEMATIC GATEWAY
U5CD1X	REMOTE SOFTWARE UPGRADE ENABLED, ALL RSWDL ALLOWED	REMOTE SW UPGRADE SERVICES
V4CD1X	SIMCARD WITH AT/T SUBSCRIPTION	TELE COMMUNICATION SUBSCRIPT.

COMMUNICATION SYSTEMS : 7 items

ENGINE ELECTRONICS

Code	Description	Family
A3AZ1X	ENGINE IDLE SHUTDOWN, DISABLE	IDLE SHUTDOWN
A4AAEX	5 MIN. WARM UP TIME DELAY	IDLE S/D WARM-UP TIMER
A8AALX	38C DEG (100F), WARM UP TEMP DELAY	IDLE S/D IF WARM-UP TEMP
B0AAAX	ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT	IDLE SHUTDOWN IF POWER > LIMIT
B2AZ1X	ENGINE IDLE COOLDOWN, DISABLE	ENGINE IDLE COOLDOWN
B3ABAX	ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH)	EL HD THROTTLE,MAX ROAD SPEED
B4ADAX	ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM	EL HAND THROTTLE,MIN ENG SPEED
B6ACEX	ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM	EL HAND THROTTLE,MAX ENG SPEED
C0Z01Z	NO IDLE S/D SLPR MODE OVERRIDE	IDLE S/D COOLDOWN (SLEEPER)
D2AAFX	AMBIENT TEMP MIN TRESHOLD, 16 DEG C, (60 DEG F)	AMBIENT TEMP MIN TRESHOLD
D3AAEX	AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F)	AMBIENT TEMP MAX TRESHOLD
E0XGAX	IDLE SHUTDOWN TIME 10 MIN.	ENGINE IDLE SHUTDOWN TIME
K5XA2X	ENGINE PROTECTION (SHUTDOWN)	ENGINE PROTECTION SYSTEM
K7XH3X	IDLE CONTROL, 650 RPM	ENGINE IDLE CONTROL
M3CA1X	IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED	IDLE S/D ABS TAMPER CHECK
M4CB1X	IDLE SHUTDOWN OVERIDE UPTO 20% ENGINE LOAD THRESHOLD	IDLE S/D OVERIDE %ENGINE LOAD
WMXA1X	COOLANT TEMP, ENGINE SHUTDOWN	COOLANT TEMP, ENGINE SHUTDOWN
WOXA1X	OIL PRESSURE, ENGINE SHUTDOWN	OIL PRESSURE, ENGINE SHUTDOWN
X0AB0X	INCREASE 10 MINUTE MAXIMUM TIME	IDLE BATTERY CHECK

ENGINE ELECTRONICS : 19 items

TRANSMISSION ELECTRONICS

Code	Description	Family
6RAA1X	TRANS. PERF. MODE, ENABLED W/ AUTO RETURN TO ECONOMY MODE	TRANSMISSION PERFORMANCE MODE
6SAA1X	TRANS. KICK-DOWN MODE, ENABLED	TRANSMISSION KICK-DOWN MODE
7QXA1X	AMT MANUAL SHIFT IN AUTOMATIC MODE INCL KICK DOWN	AMT MANUAL SHIFT OPTIONS
A6BC1X	AMT VOCATIONAL OPTION BASIC	AMT VOCATION OPTION
B1EA1X	TRANSMISSION AUTO NEUTRAL ON P-BRAKE	
CNXNAX	TRANSM. SOFTWARE PACK, PREMIUM	TRANSMISSION SOFTWARE PACKAGE
M050A5	mDRIVE - NORMAL PERFORMANCE MODE AUTO RETURN TO ECONOMY (pr	TRANS SHIFT MODE POINTS
M08038	ECONO ROLL DISABLE mDRIVE (REQUIRED FOR ALL OTHER TRANSMISSI	ECO ROLL
X9CZ1X	ENGINE SMART TORQUE FEATURE, DISABLED	ENGINE SMART TORQUE FEATURE

TRANSMISSION ELECTRONICS : 9 items

VEHICLE ELECTRONICS

Code	Description	Family
8RXAEX	ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED	ENG TORQUE LIMIT,SPEED SENSOR
A4BAAX	DETECTION OF SPEED SENSOR TAMPERING, ENABLE	DETECTION SPEED SENSR TMPRNG
E3AACX	MIN CRUISE, 32 KPH (20 MPH)	CRUISE CONTROL MIN SPEED
E4AAAX	CRUISE RESUME WITH CLUTCH	CRUISE RESUME WITH CLUTCH
E5AACX	ENG BRK ENGAGE IN CRUISE, 3 MPH, ABOVE SET SPEED	ENG BRK ENGAGE IN CRUISE
G1AABX	ENGINE IDLE DELAY TO START LOG, 2 MIN	ENGINE IDLE DELAY TO LOG
G2AAGX	ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM	ENGINE OVERSPEED,FUELED, LOG
G3AAPX	VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)	VEHICLE OVERSPEED, FUELED, LOG
G4AAUX	VEHICLE OVERSPEED,ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)	VEHICLE OVERSPEED,ALL COND,LOG
G5AAHX	ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM	ENGINE OVERSPEED,ALL COND, LOG

JCXE6X	105 KM/H ROAD SPEED LIMITER (65MPH)	ROAD SPEED LIMITER SETTING
JDXA1X	CRUISE CONTROL	CRUISE CONTROL
JFXLLX	MAX CRUISE, 105 KPH (65 MPH)	CRUISE CONTROL, MAX SPEED
K4CDAX	VEHICLE UPTIME ENABLED AUTOM. SERVICE ACTIVATION SETTING1	VEHICLE UPTIME SETTINGS
L1CZ1X	DISABLE POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT	PDLO ENGAGE VLS FEATURE
L2CA1X	POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT 8KMH (5MPH)	PDLO ENGAGED VLS
P6XABX	MAINTENANCE MONITORING SYSTEM, EXCLUDING BRAKE LINING	SERVICE ALERT SYSTEM
R4BA1X	PRE-TRIP DIAGNOSTICS INSPECTION, BASIC	
R5CZ1X	VEHICLE ASSISTANCE SERVICE DISABLED	VEHICLE ASSISTANCE SERVICE
W5BJ2X	1950 MAXIMUM ENGINE SPEED AT 0 MPH	MAXIMUM ENG SPEED AT 0 MPH
W8BAAX	WITH SERVICE ALERT	SERVICE ALERT
W9A01X	PERIODIC TRIP LOG, DAY 1 OF THE MONTH	PERIODIC TRIP LOG DAY OF MONTH
X2BB1X	WITH RSL CONTROL TYPE NORMAL	ROAD SPEED LIMIT CONTROL TYPE
X3CB1X	DRIVER ID FUNCTION, DISABLED	DRIVER ID FUNCTION
X8CZ1X	ENGINE HIGH IDLE SPEED IN UPPER GEARS, DISABLED	HIGH IDLE SPEED-UPR GRS FEATUR
Y1CZ1X	ACCELERATION LIMITING FEATURE, DISABLED	VEHICLE ACCELERATION LIMITING
Y3CC5X	105 KM/H PEDAL ROAD SPEED LIMITER (65MPH)	PEDAL RSL SETTING

VEHICLE ELECTRONICS : 27 items

PTO ELECTRONICS

Code	Description	Family
G0AZ1X	PTO 1ST, AUTO SET SINGLE SPEED, DISABLE	PTO 1ST,AUTO SET SINGLE SPEED
H4AZ1X	PTO 2ND, AUTO SET SINGLE SPEED, DISABLE	PTO 2ND,AUTO SET SINGLE SPEED
Y9CR1X	TRANSMISSION PTO1 SPLIT GEAR RANGE,(KEYPAD)REMOTE CONTROLLED	TRANS PTO1 SPLITTER RANGE
Z1CR1X	TRANSMISSION PTO2 SPLIT GEAR RANGE,(KEYPAD)REMOTE CONTROLLED	TRANS PTO2 SPLITTER RANGE

PTO ELECTRONICS : 4 items

PAINT

Code	Description	Family
2PBHAX	1 TONE HOOD, 1 TONE DRIVER AREA, IF SLEEPER 1 TONE	CAB PAINT TYPE
5YBZ1X	HUB & DRUM PAINT PROCESS, CHASSIS COLOR	HUB & DRUM PAINT PROCESS
5ZBZ1X	BUMPER PAINT PROCESS, NOT PAINTED	BUMPER PAINT PROCESS
6ABZ1X	CHASSIS PAINT PROCESS, STANDARD COLOR (MACK BLACK)	CHASSIS PAINT PROCESS
6BBZ1X	WHEEL PAINT PROCESS, NO CUSTOM PAINTED	WHEEL PAINT PROCESS
7HBZ1X	FUEL TANK PAINT PROCESS, NOT PAINTED	FUEL TANK PAINT PROCESS
922001	CHASSIS PAINT PROCESS, STANDARD COLOR (MACK BLACK) 6ABZ1X	PAINT PROCESS: CHASSIS
924014	SOLID PAINT	PAINT TYPE- AREA A
945998	NO SECOND TRUCK COLOR PROVIDED; NO COLOR	
946998	NO THIRD TRUCK COLOR PROVIDED; NO COLOR	
950AC0	SINGLE COLOR	PAINT/VINYL STRIPING - CAB EXTERIOR
951AA6	MACK BLACK (URETHANE); P3036	PAINT - CHASSIS RUNNING GEAR
962032	SAME AS CHASSIS RUNNING GEAR	PAINT:HUBS & DRUMS-FRONT
963033	SAME AS CHASSIS RUNNING GEAR	PAINT:HUBS & DRUMS-REAR
990030	1 TONE CAB, INCL SLEEPER & HOOD (IF ANY)	SMS CRITERIA CODE
993013	BLACK	CHASSIS COLOR FAMILY
994054	WHITE	AREA A CAB COLOR FAMILY
996AA3	PAINT - CAB, URETHANE CLEAR COAT	PAINT - CAB PAINT SYSTEM
BG1061	BUG CODE 6-CHASSIS RUNNING GEAR	BUG CODE CHASSIS
BG2022	BUG CODE 2-AREA A CAB	BUG CODE AREA A CAB
944CQ2	GLACIER WHITE; P3029	PAINT/VINYL STRIPING - CAB EXTERIOR
MAA02A	NON MACK WHITE PAINT SMARTCODE	PAINT HOOD & CHASSIS FAIRING SMARTCODE
MP3001	ONE PAINT COLOR ONLY ;1	TOTAL PAINT COLOR QTY
MPA944	SAME AS FIRST COLOR - ROOF FAIRING	
MPB944	SAME AS FIRST COLOR - CAB	PAINT: CAB/COWL COLOR
MPD944	SAME AS FIRST COLOR - HOOD	PAINT: HOOD COLOR

MPE944	SAME AS FIRST COLOR - COWL	PAINT: COWL COLOR

PAINT : 27 items

CALCULATED CODES - KAX

Code	Description	Family
057027	MACK SPEC	
3HAA1X	DOT COMPLETE VEHICLE CERTIFICATION	VEHICLE CERTIFICATION
4CAAHX	NUMBER OF OPTIONAL SWITCHES, 8	NUMBER OF OPTIONAL SWITCHES
542001	COMPLETE	VEHICLE CERTIFICATION
9JXA1X	YES, THE ORDER MUST BE CALCULATED	PROPCALC SELECTION
B4CA1X	SWITCH LAYOUT, BASIC	SWITCH LAYOUT
C2ED5X	ROUTING BRACKET POSITION 3A (RIGHT FRAME), XM=5700	
C4ED5X	ROUTING BRACKET POSITION 4A (LEFT FRAME), XM=5700	
D5EA1X	AUTOMATIC ROUTING & CLIPPING PLACEMENT, CENTER SECTION	
P7CC1X	AIRTANK CALCULATION STATUS, NOT RUN	AIRTANK CALCULATION STATUS
TCXB1X	PROP.SHAFT DIMENSION, MEDIUM, SINGLE JOINT	PROP.SHAFT DIMENSION (RESULT)
TDXNVX	FIRST PROP.SHAFT LENGTH 1150	PROP.SHAFT LENGTH, FIRST AXLE
TFXGCX	MAIN PROP.SHAFT LENGTH 600	PROP.SHAFT LENGTH, MAIN AXLE
TJXA2X	TWO PIECE PROP.SHAFTS	NUMBER OF PROP.SHAFTS
TNXCAX	PROP.SHAFT FIRST BRKT, POS 01	PROP.SHAFT FIRST BRKT VERTICAL
TSXB1X	PROP.SHAFT 1 BRKT POS., LEFT1	PROP.SHAFT 1 BRKT POS. HORIZON
X2XJBX	CROSSMEMBER1 X=5250MM	CROSSMEMBER '1' LOCATION
XMXA1X	PROP. SHAFT BRACKET FIRST POSITION ANGLE BASIC (90 DEGREES)	PROP SHAFT BRKT, FIRST, ANGLE
Y0XC1X	RIDE HIGHT 196MM TO 205 MM CL AXLE TO LOWER FRAME FLANGE	FRONT RIDE HEIGHT AT FULL LOAD
Y1XC1X	RIDE HEIGHT 191-210 MM, CL AXLE TO LOWER FRAME FLANGE	REAR RIDE HEIGHT AT FULL LOAD

CALCULATED CODES - KAX : 20 items

BASE WARRANTY & PURCHASED COVERAGES

Code	Description	Family
898002	NORMAL DUTY WARRANTY CLASSIFICATION	VEHICLE WARRANTY TYPE
M43001	WARRANTY SMARTCODE <= 1760	WARRANTY SMARTCODE TORQUE
M41021	WARRANTY SMARTCODE ENGINE VE 13L	WARRANTY SMARTCODE ENGINE
M42012	WARRANTY SMARTCODE <460 HP	WARRANTY SMARTCODE HP
M50020	NORMAL DUTY STANDARD BASE COVERAGE 12 MONTHS/100,000 MILES (	US $ CANADA BASIC CHASSIS COVERAGE
M51021	MACK MP7/MP8 BASE ENGINE COVERAGE 24 MONTHS / 250,000 MILES	MACK MP7/MP8, & MP10 ENGINE WARRANTY COVERAGE
M52022	US and CANADA EQUIPPED VEHICLE EMISSION COMPONENTS COVERAGE	EMISSION COMPONENT COVERAGE
M54054	mDRIVE TRANSMISSION NORMAL DUTY COVERAGE: 60 MONTHS OR 750,0	TRANSMISSION WARRANTY
M55055	STANDARD VENDOR NORMAL / HEAVY DUTY COVERAGE 36 MONTHS/350,	CARRIER & AXLE HOUSING WARRANTY
M56026	AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12	AIR CONDITIONING WARRANTY
M57027	STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000	CHASSIS TOWING WARRANTY
M58028	STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES	ENGINE TOWING WARRANTY
M690F9	24 MNTH - GUARDDOG CONNECT WITH MACK OTA	

BASE WARRANTY & PURCHASED COVERAGES : 13 items

TOTALS: 713 items **Report Date: 8/20/2024 12:30:15 PM**

View repair history

Brand	<Select>	**Unit no.**			
Type of concern	Warranty	**Function group**		**Main operation**	
Claim job type	All			**Include archived claim jobs**	☑

Search

Vehicle history

Chassis id	M742 -7078	**Delivering importer**	7554	**Age**	69	**Vehicle operation**	0
Registration no.		**Delivering dealer**	999082	**Delivering date**	12/6/2018	**Vehicle operation desc.**	
VIN	1M1AN3GY6KM007078	**Country of operation**	USA	**Shipped/Invoiced date**		**Mileage (km)**	298703 (7/30/2021)
Marketing type	AN64T	**Using customer**	3294779529-NATLG/M & K TRUCK LEASING OF ILLINOIS LLC	**Demo delivering date**		**Delivery mileage (km)**	0
Unit no.	192009	**Contract no.**		**Operating hours**	0		

Claim job type	Repair date	Claim job id	Repair order no.	Operating hours	Mileage (km)	Age	Main op.	Causal part	Causal part name	SCC
Technical goodwill	7/30/2021	7554-D808-977141-1	80263CS		298703	32	2527-03-02-13	VO-21142254	EXHAUST PIPE	
Technical goodwill	4/29/2021	7554-D808-879219-1	78831CS		257454	29	3646-03-02-84	VO-23929134	SWITCH PANEL	
Technical goodwill	3/17/2020	7554-D808-592413-1	72215CS		119588	16	3646-03-02-84	VO-23329025	SWITCH PANEL	
Vehicle warranty	7/23/2019	7554-D809-57265-1	57265CA	0	46548	8	5634-03-02-02	VO-8397718	TUBE FITTING	
Vehicle warranty	5/16/2019	7554-D808-66525-1	66525CS	0	19640	6	8741-03-02-01	VO-84758113	CONTROL UNIT	
Vehicle warranty	1/14/2019	7554-D808-54764-1	54764CS	0	1334	2	4661-16-02-02	VO-3199066	SEALING RING	
Vehicle warranty	11/20/2018	7554-D808-53883-5	53883CS	0	24	0	2529-03-02-09	VO-21021850	V-CLAMP	
Vehicle warranty	11/20/2018	7554-D808-53883-4	53883CS	0	24	0	8181-03-02-23	VO-23145372	SHOCK ABSORBER	
Vehicle warranty	11/20/2018	7554-D808-53883-7	53883CS	0	24	0	8211-05-02-02	VO-23305987	HOOD	
Vehicle warranty	11/20/2018	7554-D808-53883-8	53883CS	0	24	0	5618-03-02-06	NA2-TDAR950014	SET	
Vehicle warranty	11/20/2018	7554-D808-53883-6	53883CS	0	24	0	3719-19-02-01	VO-85142759	WIRING HARNESS	
Vehicle warranty	11/20/2018	7554-D808-53883-3	53883CS	0	24	0	8013-15-09-35	VO-85142726	PAINT	
Vehicle warranty	11/20/2018	7554-D808-53883-2	53883CS	0	24	0	5654-16-02-02	VO-85152387	CONTROL SYSTEM	
Service	11/20/2018	7554-D808-53883-1	53883CS	0	24	0	1711-06-02-01			

1 - 14 / 14 items 1 / 1 50 items per page

Claim job (7554-D808-977141-1)

Repair header

Importer:	7554 - Volvo Trucks North America Inc		
Dealer:	D808-M & K TRUCK CENTERS		
Reference no.:	977141 - 1	**Repair order no.:**	80263CS
Repair date:	7/30/2021	**Currency:**	USD ([redacted]
Registration date:	10/19/2021	**Force header information:**	☐
Delivering importer:	7554-Volvo Trucks North America Inc		
Delivering dealer:	999082-M & K QUALITY TRUCK SALES OF SUMMIT, LLC		
Using customer:	3294779529-M & K TRUCK LEASING OF ILLINOIS		
Reg. no.:			
Chassis id:	M742-7078	**Marketing type:**	AN64T
VIN:	1M1AN3GY6KM007078	**Company:**	TSM Americas
Delivery date:	12/6/2018	**Brand:**	Mack
No vehicle:	☐		
Mileage (miles):	185606	**Operating hours (h):**	
Age (m):	32		

Claim job information

Claim job status:	Credited	**Forced:**	☐
Claim job type:	Technical goodwill	**Follow up code:**	
Scenario code:	25 Dealer, technical goodwill, no debit	**MI name:**	No Material
Causal part (serial):	21142254 EXHAUST PIPE	**Func. group:**	2524 **Defect code:**
New part:		**Main operation:**	2527-03-02-13 Exhaust Muffler Rubber Cushion Mounting, Replacement (SCR Outlet Pipe)
Case source:	1 - nspector Report	**Case no.:**	168448

TMA decision:
Problem:
Analysis:

Summary	Net (USD)	Hours	Approved (USD)	Rejected (USD)	Reject code	Description
Labour	[redacted]	0	[redacted]	[redacted]		
Material						
Other costs						
Total						

Note to dealer:

Labour

VST	Operation	Description	Quantity	Hours	Cost/hour	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
✔	2527-03-02-13	Exhaust Muffler Rubber Cushion Mounting, Replacement (SCR Outlet Pipe)	0	0.3	[redacted]	[redacted]	[redacted]	[redacted]	
					Labour net total:	[redacted]			

Material

Causal part

Prefix	Part no.	Description	Func. group	Serial	Defect	Description
VO	21142254	EXHAUST PIPE	2524			

Included material

Prefix	Part no.	Description	Func. group	Serial	Quantity	Price (USD)	Part markup	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
						Material net total:	[redacted]				

Other costs

Quantity	Unit price	Net cost	Description	Approved (USD)	Rejected (USD)	Reject code
1	[redacted]	[redacted]	POLICY	[redacted]	[redacted]	

Remarks

Claim job (7554-D808-879219-1)

Repair header

Importer:	7554 - Volvo Trucks North America Inc		
Dealer:	D808-M & K TRUCK CENTERS		
Reference no.:	879219 - 1	**Repair order no.:**	78831CS
Repair date:	4/29/2021	**Currency:**	USD [redacted]
Registration date:	5/21/2021	**Force header information:**	☐
Delivering importer:	7554-Volvo Trucks North America Inc		
Delivering dealer:	999082-M & K QUALITY TRUCK SALES OF SUMMIT, LLC		
Using customer:	3294779529-M & K TRUCK LEASING OF ILLINOIS		
Reg. no.:			
Chassis id:	M742-7078	**Marketing type:**	AN64T
VIN:	1M1AN3GY6KM007078	**Company:**	TSM Americas
Delivery date:	12/6/2018	**Brand:**	Mack
No vehicle:	☐		
Mileage (miles):	159975	**Operating hours (h):**	
Age (m):	29		

Claim job information

Claim job status:	Credited	**Forced:**	☐
Claim job type:	Technical goodwill	**Follow up code:**	
Scenario code:	25 Dealer, technical goodwill, no debit	**MI name:**	No Material
Causal part (serial):	23929134 SWITCH PANEL	**Func. group:**	3646 **Defect code:**
New part:		**Main operation:**	3646-03-02-84 Door Control Panel, Replacement
Case source:	1 - Inspector Report	**Case no.:**	160726

TMA decision:
Problem:
Analysis:

Summary	Net (USD)	Hours	Approved (USD)	Rejected (USD)	Reject code	Description
Labour	[redacted]	0	[redacted]	[redacted]		
Material						
Other costs						
Total						

Note to dealer:

Labour

VST	Operation	Description	Quantity	Hours	Cost/hour	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
✔	3646-03-02-84	Door Control Panel, Replacement	0	0.6	[redacted]	[redacted]	[redacted]	[redacted]	
					Labour net total:	[redacted]			

Material

Causal part

Prefix	Part no.	Description	Func. group	Serial	Defect	Description
VO	23929134	SWITCH PANEL	3646			

Included material

Prefix	Part no.	Description	Func. group	Serial	Quantity	Price (USD)	Part markup	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
						Material net total:	[redacted]				

Other costs

Quantity	Unit price	Net cost	Description	Approved (USD)	Rejected (USD)	Reject code
1	[redacted]	[redacted]	POLICY	[redacted]	[redacted]	

Remarks

Complaint: POLICY
Cause: DOOR SWITCH PANEL

Claim job (7554-D808-592413-1)

Repair header

Importer:	7554 - Volvo Trucks North America Inc		
Dealer:	D808-M & K TRUCK CENTERS		
Reference no.:	592413 - 1	**Repair order no.:**	72215CS
Repair date:	3/17/2020	**Currency:**	USD ([redacted]
Registration date:	4/27/2020	**Force header information:**	☐
Delivering importer:	7554-Volvo Trucks North America Inc		
Delivering dealer:	999082-M & K QUALITY TRUCK SALES OF SUMMIT, LLC		
Using customer:	8427000645-NATLG/M & K TRUCK LEASING OF I		
Reg. no.:			
Chassis id:	M742-7078	**Marketing type:**	AN64T
VIN:	1M1AN3GY6KM007078	**Company:**	TSM Americas
Delivery date:	12/6/2018	**Brand:**	Mack
No vehicle:	☐		
Mileage (miles):	74309	**Operating hours (h):**	
Age (m):	16		

Claim job information

Claim job status:	Credited	**Forced:**	☐
Claim job type:	Technical goodwill	**Follow up code:**	
Scenario code:	25 Dealer, technical goodwill, no debit	**MI name:**	No Material
Causal part (serial):	23329025 SWITCH PANEL	**Func. group:**	3646 **Defect code:**
New part:		**Main operation:**	3646-03-02-84 Door Control Panel, Replacement
Case source:	1 - Inspector Report	**Case no.:**	135578

TMA decision:
Problem:
Analysis:

Summary	Net (USD)	Hours	Approved (USD)	Rejected (USD)	Reject code	Description
Labour	[redacted]	0	[redacted]	[redacted]		
Material	[redacted]					
Other costs						
Total						

Note to dealer:

Labour

VST	Operation	Description	Quantity	Hours	Cost/hour	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
✔	3646-03-02-84	Door Control Panel, Replacement	0	0.6	[redacted]	[redacted]	[redacted]	[redacted]	
					Labour net total:	[redacted]			

Material

Causal part

Prefix	Part no.	Description	Func. group	Serial	Defect	Description
VO	23329025	SWITCH PANEL	3646			

Included material

Prefix	Part no.	Description	Func. group	Serial	Quantity	Price (USD)	Part markup	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
						Material net total:	[redacted]				

Other costs

Quantity	Unit price	Net cost	Description	Approved (USD)	Rejected (USD)	Reject code
1	[redacted]	[redacted]	POLICY	[redacted]	0.00	

Remarks

Complaint: POLICY
Cause: DOOR SWITCH PANEL

Claim job (7554-D809-57265-1)

Repair header

Importer:	7554 - Volvo Trucks North America Inc		
Dealer:	D809-M & K TRUCK CENTERS		
Reference no.:	57265 - 1	**Repair order no.:**	57265CA
Repair date:	7/23/2019	**Currency:**	USD ([redacted])
Registration date:	7/29/2019	**Force header information:**	☐
Delivering importer:	7554-Volvo Trucks North America Inc		
Delivering dealer:	999082-M & K QUALITY TRUCK SALES OF SUMMIT, LLC		
Using customer:	8427000645-NATLG/M & K TRUCK LEASING OF I		
Reg. no.:			
Chassis id:	M742-7078	**Marketing type:**	AN64T
VIN:	1M1AN3GY6KM007078	**Company:**	TSM Americas
Delivery date:	12/6/2018	**Brand:**	Mack
No vehicle:	☐		
Mileage (miles):	28924	**Operating hours (h):**	
Age (m):	8		

Claim job information

Claim job status:	Credited	**Forced:**	☐
Claim job type:	Vehicle warranty	**Follow up code:**	
Scenario code:	21 Dealer, no debit	**MI name:**	Hold material
Causal part (serial):	8397718 TUBE FITTING	**Func. group:**	5630
New part:	8397718 TUBE FITTING	**Main operation:**	5634-03-02-02 Air Fitting, Replacement
Case source:		**Case no.:**	

Defect code:

TMA decision:
Problem:
Analysis:

Summary	Net (USD)	Hours	Approved (USD)	Rejected (USD)	Reject code	Description
Labour	[redacted]	1.3	[redacted]	[redacted]		
Material						
Other costs						
Total						

Note to dealer:

Labour

VST	Operation	Description	Quantity	Hours	Cost/hour	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
✔	5634-03-02-02	Air Fitting, Replacement	1	0.4	[redacted]	[redacted]	[redacted]	[redacted]	
✔	1700-16-03-01	Diagnostic Time	9	0.1	[redacted]	[redacted]	[redacted]	[redacted]	
					Labour net total:	[redacted]			

Material

Causal part

Prefix	Part no.	Description	Func. group	Serial	Defect	Description
VO	8397718	TUBE FITTING	5630			

Included material

Prefix	Part no.	Description	Func. group	Serial	Quantity	Price (USD)	Part markup	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
VO	8397718	TUBE FITTING	1414		1	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
					Material net total:						

Other costs

Quantity	Unit price	Net cost	Description	Approved (USD)	Rejected (USD)	Reject code

Remarks

Complaint: DRIVER REPORTS AIR LINE LEAKING AT 5TH WHEEL SLIDE
Cause: AIR FITTING FAILED.
T/C=0.3
Correction: TECHID: XX29614
CBR: DSBBW1699
SOLUTION: N/A
Check CBR DSBBW1699,no solution found. Check for leaks, activated 5th wheel slide and found that air line by the fitting is leaking. Remove line from the fitting, replace fitting and cut back line and attached, test and no more leaks. Repair complete.
Comment:

History

Status	Modified time	Modified by
Credited	8/9/2019 5:40 AM	SYSTEM_UCHP
Crediting ongoing	8/9/2019 5:30 AM	SYSTEM_UCHP
Ready for crediting	8/5/2019 5:30 PM	SYSTEM_UCHP
Evaluated auto	8/5/2019 5:30 PM	SYSTEM_UCHP
Released OK	8/5/2019 5:30 PM	M672789
Released OK	8/5/2019 5:30 PM	M672789
Validated OK	8/5/2019 5:30 PM	M672789
Error	7/29/2019 11:02 PM	IS031

Claim job (7554-D808-66525-1)

Repair header

Importer:	7554 - Volvo Trucks North America Inc		
Dealer:	D808-M & K TRUCK CENTERS		
Reference no.:	66525 - 1	**Repair order no.:**	66525CS
Repair date:	5/16/2019	**Currency:**	USD ([redacted])
Registration date:	5/24/2019	**Force header information:**	☐
Delivering importer:	7554-Volvo Trucks North America Inc		
Delivering dealer:	999082-M & K QUALITY TRUCK SALES OF SUMMIT, LLC		
Using customer:	8427000645-NATLG/M & K TRUCK LEASING OF I		
Reg. no.:			
Chassis id:	M742-7078	**Marketing type:**	AN64T
VIN:	1M1AN3GY6KM007078	**Company:**	TSM Americas
Delivery date:	12/6/2018	**Brand:**	Mack
No vehicle:	☐		
Mileage (miles):	12204	**Operating hours (h):**	
Age (m):	6		

Claim job information

Claim job status:	Credited	**Forced:**	☐
Claim job type:	Vehicle warranty	**Follow up code:**	
Scenario code:	21 Dealer, no debit	**MI name:**	Hold material
Causal part (serial):	84758113 CONTROL UNIT	**Func. group:**	8711 **Defect code:**
New part:	84758113 CONTROL UNIT	**Main operation:**	8741-03-02-01 Cab Climate Control Unit, Replacement
Case source:		**Case no.:**	

TMA decision:
Problem:
Analysis:

Summary	Net (USD)	Hours	Approved (USD)	Rejected (USD)	Reject code	Description
Labour	[redacted]	1	[redacted]	[redacted]		
Material						
Other costs						
Total						

Note to dealer:

Labour

VST	Operation	Description	Quantity	Hours	Cost/hour	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
✔	8741-03-02-01	Cab Climate Control Unit, Replacement	1	0.4	[redacted]	[redacted]	[redacted]	[redacted]	
✔	1700-16-03-01	Diagnostic Time	6	0.1	[redacted]	[redacted]	[redacted]	[redacted]	
					Labour net total:	[redacted]			

Material

Causal part

Prefix	Part no.	Description	Func. group	Serial	Defect	Description
VO	84758113	CONTROL UNIT	8711			

Included material

Prefix	Part no.	Description	Func. group	Serial	Quantity	Price (USD)	Part markup	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
VO	84758113	CONTROL UNIT	8711		1	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
					Material net total:		[redacted]				

Other costs

Quantity	Unit price	Net cost	Description	Approved (USD)	Rejected (USD)	Reject code

Remarks

Complaint: A/C CONTROL PANEL LIGHTS INOP BEHIND FACE
Cause: CONTROL UNIT FAILED (.3 T/C)
Correction: TechID:_XY38712 - CBR DSBBS3042 / NO SOLUTION- INSPECT UNIT FOR A/C PANEL LIGHTS OUT. CHECKED CBR DSBBS3042, NO SOLUTION FOUND. INSPECT ALL CONNECTORS AND FOUND THEY WERE GOOD. INSTALLED NEW CONTROL PANEL AND CHECK OUT OK.
Comment:

History

Status	Modified time	Modified by
Credited	6/7/2019 5:31 AM	SYSTEM_UCHP
Crediting ongoing	6/7/2019 5:20 AM	SYSTEM_UCHP
Ready for crediting	6/5/2019 2:42 PM	SYSTEM_UCHP
Evaluated auto	6/5/2019 2:42 PM	SYSTEM_UCHP
Released OK	6/5/2019 2:42 PM	XY50451
Released OK	6/5/2019 2:42 PM	XY50451
Validated OK	6/5/2019 2:41 PM	XY50451
Error	5/24/2019 7:05 AM	IS031

Claim job (7554-D808-54764-1)

Repair header

Importer:	7554 - Volvo Trucks North America Inc		
Dealer:	D808-M & K TRUCK CENTERS		
Reference no.:	54764 - 1	**Repair order no.:**	54764CS
Repair date:	1/14/2019	**Currency:**	USD ([redacted])
Registration date:	1/18/2019	**Force header information:**	☐
Delivering importer:	7554-Volvo Trucks North America Inc		
Delivering dealer:	999082-M & K QUALITY TRUCK SALES OF SUMMIT, LLC		
Using customer:	8427000645-NATLG/M & K TRUCK LEASING OF I		
Reg. no.:			
Chassis id:	M742-7078	**Marketing type:**	AN64T
VIN:	1M1AN3GY6KM007078	**Company:**	TSM Americas
Delivery date:	12/6/2018	**Brand:**	Mack
No vehicle:	☐		
Mileage (miles):	829	**Operating hours (h):**	
Age (m):	2		

Claim job information

Claim job status:	Credited	**Forced:**	☐
Claim job type:	Vehicle warranty	**Follow up code:**	
Scenario code:	21 Dealer, no debit	**MI name:**	Hagerstown
Causal part (serial):	3199066 SEALING RING	**Func. group:**	7736 **Defect code:**
New part:	3199066 SEALING RING	**Main operation:**	4661-16-02-02 Axle Shaft, Re-Seal
Case source:		**Case no.:**	
TMA decision:	Approved		
Problem:			
Analysis:	Feb-19-2019 / y..."REQUEST" / Trelleborg Ersmark / Trelleborg Ersmark Bin		

Summary	Net (USD)	Hours	Approved (USD)	Rejected (USD)	Reject code	Description
Labour	[redacted]	1.7	[redacted]	[redacted]		
Material						
Other costs						
Total						

Note to dealer:

Labour

VST	Operation	Description	Quantity	Hours	Cost/hour	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
✔	4661-16-02-02	Axle Shaft, Re-Seal	2	0.5	[redacted]	[redacted]	[redacted]	[redacted]	
✔	1700-16-03-01	Diagnostic Time	7	0.1	[redacted]	[redacted]	[redacted]	[redacted]	
					Labour net total:	[redacted]			

Material

Causal part

Prefix	Part no.	Description	Func. group	Serial	Defect	Description
VO	3199066	SEALING RING	7736			

Included material

Prefix	Part no.	Description	Func. group	Serial	Quantity	Price (USD)	Part markup	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
VO	3199066	SEALING RING	7736		2	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
					Material net total:						

Other costs

Quantity	Unit price	Net cost	Description	Approved (USD)	Rejected (USD)	Reject code
2	[redacted]	[redacted]	75w90 syn	[redacted]	[redacted]	

Remarks

Complaint: REAR AXLE - RIGHT AND LEFT SIDE AXLE FLANGE GASKETS LEAKING.
Cause: LEAKING AXLE FLANGE GASKETS.
Correction: 1540 1/14/19 REPLACED BOTH GASKETS AS NEEDED, RIGHT REAR ANDLEFT REAR. STEAM CLEAN WHEELS. RECHECK - NO LEAKS.
Comment: 0.3 TC, 0.4 SC
FEDEX TRACKING # 7744 7001 9750

History

Status	Modified time	Modified by
Credited	1/25/2019 5:30 AM	SYSTEM_UCHP
Crediting ongoing	1/25/2019 5:20 AM	SYSTEM_UCHP
Ready for crediting	1/18/2019 5:54 PM	SYSTEM_UCHP
Evaluated auto	1/18/2019 5:54 PM	SYSTEM_UCHP
Released OK	1/18/2019 5:54 PM	M663065
Released OK	1/18/2019 5:54 PM	M663065
Validated OK	1/18/2019 5:53 PM	M663065
Error	1/18/2019 5:04 PM	IS031

Claim job (7554-D808-53883-5)

Repair header

Importer:	7554 - Volvo Trucks North America Inc		
Dealer:	D808-M & K TRUCK CENTERS		
Reference no.:	53883 - 5	**Repair order no.:**	53883CS
Repair date:	11/20/2018	**Currency:**	USD ([redacted])
Registration date:	11/28/2018	**Force header information:**	☐
Delivering importer:	7554-Volvo Trucks North America Inc		
Delivering dealer:	999082-M & K QUALITY TRUCK SALES OF SUMMIT, LLC		
Using customer:	0-		
Reg. no.:			
Chassis id:	M742-7078	**Marketing type:**	AN64T
VIN:	1M1AN3GY6KM007078	**Company:**	TSM Americas
Delivery date:		**Brand:**	Mack
No vehicle:	☐		
Mileage (miles):	15	**Operating hours (h):**	
Age (m):	0		

Claim job information

Claim job status:	Credited	**Forced:**	☐
Claim job type:	Vehicle warranty	**Follow up code:**	
Scenario code:	21 Dealer, no debit	**MI name:**	No Material
Causal part (serial):	21021850 V-CLAMP	**Func. group:**	2527 **Defect code:**
New part:		**Main operation:**	2529-03-02-09 Clamp, Exhaust Pipe, Replacement
Case source:		**Case no.:**	

TMA decision:
Problem:
Analysis:

Summary	Net (USD)	Hours	Approved (USD)	Rejected (USD)	Reject code	Description
Labour	[redacted]	0.6	[redacted]	[redacted]		
Material						
Other costs						
Total						

Note to dealer:

Labour

VST	Operation	Description	Quantity	Hours	Cost/hour	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
✔	2529-03-02-09	Clamp, Exhaust Pipe, Replacement	1	0.4	[redacted]	[redacted]	[redacted]	[redacted]	
✔	1700-16-03-01	Diagnostic Time	2	0.1	[redacted]	[redacted]	[redacted]	[redacted]	
					Labour net total:	[redacted]			

Material

Causal part

Prefix	Part no.	Description	Func. group	Serial	Defect	Description
VO	21021850	V-CLAMP	2527			

Included material

Prefix	Part no.	Description	Func. group	Serial	Quantity	Price (USD)	Part markup	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
						Material net total:	[redacted]				

Other costs

Quantity	Unit price	Net cost	Description	Approved (USD)	Rejected (USD)	Reject code

Remarks

Complaint: EXHAUST LEAK.

Cause: EXHAUST CLAMPS LOOSE.
Correction: 1318 11/20/18 TEST FOR LEAKS. MOVE PIPE UP ON BOTTOM OF STACK AND TIGHTEN ALL LOOSE CLAMPS. RETEST - NO LEAKS FOUND.
Comment:

History

Status	Modified time	Modified by
Credited	12/7/2018 4:30 AM	SYSTEM_UCHP
Crediting ongoing	12/7/2018 4:20 AM	SYSTEM_UCHP
Ready for crediting	12/4/2018 4:11 PM	SYSTEM_UCHP
Evaluated auto	12/4/2018 4:11 PM	SYSTEM_UCHP
Released OK	12/4/2018 4:11 PM	M663065
Validated OK	12/4/2018 4:11 PM	M663065
Error	11/28/2018 2:31 PM	IS031

Claim job (7554-D808-53883-4)

Repair header

Importer:	7554 - Volvo Trucks North America Inc		
Dealer:	D808-M & K TRUCK CENTERS		
Reference no.:	53883 - 4	**Repair order no.:**	53883CS
Repair date:	11/20/2018	**Currency:**	USD ([redacted])
Registration date:	11/28/2018	**Force header information:**	☐
Delivering importer:	7554-Volvo Trucks North America Inc		
Delivering dealer:	999082-M & K QUALITY TRUCK SALES OF SUMMIT, LLC		
Using customer:	0-		
Reg. no.:			
Chassis id:	M742-7078	**Marketing type:**	AN64T
VIN:	1M1AN3GY6KM007078	**Company:**	TSM Americas
Delivery date:		**Brand:**	Mack
No vehicle:	☐		
Mileage (miles):	15	**Operating hours (h):**	
Age (m):	0		

Claim job information

Claim job status:	Credited	**Forced:**	☐
Claim job type:	Vehicle warranty	**Follow up code:**	
Scenario code:	21 Dealer, no debit	**MI name:**	No Material
Causal part (serial):	23145372 SHOCK ABSORBER	**Func. group:**	8181 **Defect code:**
New part:		**Main operation:**	8181-03-02-23 Cab Shock Absorber Rear, Replacement (Two)
Case source:		**Case no.:**	

TMA decision:
Problem:
Analysis:

Summary	Net (USD)	Hours	Approved (USD)	Rejected (USD)	Reject code	Description
Labour	[redacted]	0.6	[redacted]	[redacted]		
Material						
Other costs						
Total						

Note to dealer:

Labour

VST	Operation	Description	Quantity	Hours	Cost/hour	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
✔	8181-03-02-23	Cab Shock Absorber Rear, Replacement (Two)	1	0.5	[redacted]	[redacted]	[redacted]	[redacted]	
✔	1700-16-03-01	Diagnostic Time	1	0.1	[redacted]	[redacted]	[redacted]	[redacted]	
					Labour net total:	[redacted]			

Material

Causal part

Prefix	Part no.	Description	Func. group	Serial	Defect	Description
VO	23145372	SHOCK ABSORBER	8181			

Included material

Prefix	Part no.	Description	Func. group	Serial	Quantity	Price (USD)	Part markup	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
						Material net total:	[redacted]				

Other costs

Quantity	Unit price	Net cost	Description	Approved (USD)	Rejected (USD)	Reject code

Remarks

Complaint: RATTLE NOISE UNDER CAB.
Cause: CAB SHOCKS AND DECK PLATES LOOSE.
Correction: 1318 11/20/18 CHECK FOR NOISE. TIGHTEN LOOSE CAB SHOCKS. REPOSITION AND TIGHTEN DECK PLATES. BEND DOWN BATTERY BOX LID HOLD DOWNS. RETEST - NO MORE RATTLING.
Comment:

History

Status	Modified time	Modified by
Credited	12/7/2018 4:30 AM	SYSTEM_UCHP
Crediting ongoing	12/7/2018 4:20 AM	SYSTEM_UCHP
Ready for crediting	12/4/2018 4:11 PM	SYSTEM_UCHP
Evaluated auto	12/4/2018 4:11 PM	SYSTEM_UCHP
Released OK	12/4/2018 4:11 PM	M663065
Validated OK	12/4/2018 4:11 PM	M663065
Error	11/28/2018 2:31 PM	IS031

Claim job (7554-D808-53883-7)

Repair header

Importer:	7554 - Volvo Trucks North America Inc		
Dealer:	D808-M & K TRUCK CENTERS		
Reference no.:	53883 - 7	**Repair order no.:**	53883CS
Repair date:	11/20/2018	**Currency:**	USD ([redacted])
Registration date:	11/28/2018	**Force header information:**	☐
Delivering importer:	7554-Volvo Trucks North America Inc		
Delivering dealer:	999082-M & K QUALITY TRUCK SALES OF SUMMIT, LLC		
Using customer:	0-		
Reg. no.:			
Chassis id:	M742-7078	**Marketing type:**	AN64T
VIN:	1M1AN3GY6KM007078	**Company:**	TSM Americas
Delivery date:		**Brand:**	Mack
No vehicle:	☐		
Mileage (miles):	15	**Operating hours (h):**	
Age (m):	0		

Claim job information

Claim job status:	Credited	**Forced:**	☐
Claim job type:	Vehicle warranty	**Follow up code:**	
Scenario code:	21 Dealer, no debit	**MI name:**	Hold material
Causal part (serial):	23305987 HOOD	**Func. group:**	8211 **Defect code:**
New part:	84192243 SHIM	**Main operation:**	8211-05-02-02 Hood, Adjustment
Case source:		**Case no.:**	

TMA decision:
Problem:
Analysis:

Summary	Net (USD)	Hours	Approved (USD)	Rejected (USD)	Reject code	Description
Labour	[redacted]	1.3	[redacted]	[redacted]		
Material						
Other costs						
Total						

Note to dealer:

Labour

VST	Operation	Description	Quantity	Hours	Cost/hour	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
✔	8211-05-02-02	Hood, Adjustment	1	0.3	[redacted]	[redacted]	[redacted]	[redacted]	
✔	1700-16-03-01	Diagnostic Time	10	0.1	[redacted]	[redacted]	[redacted]	[redacted]	
					Labour net total:	[redacted]			

Material

Causal part

Prefix	Part no.	Description	Func. group	Serial	Defect	Description
VO	23305987	HOOD	8211			

Included material

Prefix	Part no.	Description	Func. group	Serial	Quantity	Price (USD)	Part markup	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
VO	84192243	SHIM	8215		2	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
					Material net total:		[redacted]				

Other costs

Quantity	Unit price	Net cost	Description	Approved (USD)	Rejected (USD)	Reject code

Remarks

Complaint: RATTLE NOISE FROM HOOD.

Cause: HOOD AND SHIM ADJUSTMENT.
Correction: 1318 11/21/18 Check for noise. Adjust hood and recheck - still noisy. Adjust lock all the way in. Shim left side up. Recheck - still rattling. Shim up right side. Recheck - rattlewent away.
Comment:

History

Status	Modified time	Modified by
Credited	12/7/2018 4:30 AM	SYSTEM_UCHP
Crediting ongoing	12/7/2018 4:20 AM	SYSTEM_UCHP
Ready for crediting	12/4/2018 4:12 PM	SYSTEM_UCHP
Evaluated auto	12/4/2018 4:12 PM	SYSTEM_UCHP
Released OK	12/4/2018 4:12 PM	M663065
Validated OK	12/4/2018 4:12 PM	M663065
Error	11/28/2018 2:31 PM	IS031

Claim job (7554-D808-53883-8)

Repair header

Importer:	7554 - Volvo Trucks North America Inc		
Dealer:	D808-M & K TRUCK CENTERS		
Reference no.:	53883 - 8	**Repair order no.:**	53883CS
Repair date:	11/20/2018	**Currency:**	USD ([redacted])
Registration date:	11/28/2018	**Force header information:**	☐
Delivering importer:	7554-Volvo Trucks North America Inc		
Delivering dealer:	999082-M & K QUALITY TRUCK SALES OF SUMMIT, LLC		
Using customer:	0-		
Reg. no.:			
Chassis id:	M742-7078	**Marketing type:**	AN64T
VIN:	1M1AN3GY6KM007078	**Company:**	TSM Americas
Delivery date:		**Brand:**	Mack
No vehicle:	☐		
Mileage (miles):	15	**Operating hours (h):**	
Age (m):	0		

Claim job information

Claim job status:	Credited	**Forced:**	☐		
Claim job type:	Vehicle warranty	**Follow up code:**			
Scenario code:	21 Dealer, no debit	**MI name:**	Hold material		
Causal part (serial):	TDAR950014 SET	**Func. group:**	5619	**Defect code:**	
New part:		**Main operation:**	5618-03-02-06 Air Dryer Non Return Valve, Replacement		
Case source:		**Case no.:**			

TMA decision:
Problem:
Analysis:

Summary	Net (USD)	Hours	Approved (USD)	Rejected (USD)	Reject code	Description
Labour	[redacted]	0.9	[redacted]	[redacted]		
Material						
Other costs						
Total						

Note to dealer:

Labour

VST	Operation	Description	Quantity	Hours	Cost/hour	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
✔	5618-03-02-06	Air Dryer Non Return Valve, Replacement	1	0.4	[redacted]	[redacted]	[redacted]	[redacted]	
✔	1700-16-03-01	Diagnostic Time	5	0.1	[redacted]	[redacted]	[redacted]	[redacted]	
					Labour net total:	[redacted]			

Material

Causal part

Prefix	Part no.	Description	Func. group	Serial	Defect	Description
NA2	TDAR950014	SET	5619			

Included material

Prefix	Part no.	Description	Func. group	Serial	Quantity	Price (USD)	Part markup	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
NA2	TDAR950014	SET	5619		1	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
					Material net total:						

Other costs

Quantity	Unit price	Net cost	Description	Approved (USD)	Rejected (USD)	Reject code

Remarks

Complaint: AIR LEAKS DOWN.
Cause: PURGE VALVE LEAKING.
Correction: 1318 11/21/18 DIAGNOSE AND TEST FOR LEAKS. FOUND LEAK AT AIR DRYER DISCHARGE VALVE. REPLACE PURGE VALVE AS NEEDED.
Comment:

History

Status	Modified time	Modified by
Credited	12/7/2018 4:30 AM	SYSTEM_UCHP
Crediting ongoing	12/7/2018 4:20 AM	SYSTEM_UCHP
Ready for crediting	12/4/2018 4:10 PM	SYSTEM_UCHP
Evaluated auto	12/4/2018 4:10 PM	SYSTEM_UCHP
Released OK	12/4/2018 4:10 PM	M663065
Validated OK	12/4/2018 4:10 PM	M663065

Claim job (7554-D808-53883-6)

Repair header

Importer:	7554 - Volvo Trucks North America Inc		
Dealer:	D808-M & K TRUCK CENTERS		
Reference no.:	53883 - 6	**Repair order no.:**	53883CS
Repair date:	11/20/2018	**Currency:**	USD [redacted]
Registration date:	11/28/2018	**Force header information:**	☐
Delivering importer:	7554-Volvo Trucks North America Inc		
Delivering dealer:	999082-M & K QUALITY TRUCK SALES OF SUMMIT, LLC		
Using customer:	0-		
Reg. no.:			
Chassis id:	M742-7078	**Marketing type:**	AN64T
VIN:	1M1AN3GY6KM007078	**Company:**	TSM Americas
Delivery date:		**Brand:**	Mack
No vehicle:	☐		
Mileage (miles):	15	**Operating hours (h):**	
Age (m):	0		

Claim job information

Claim job status:	Credited	**Forced:**	☐
Claim job type:	Vehicle warranty	**Follow up code:**	
Scenario code:	21 Dealer, no debit	**MI name:**	Hold material
Causal part (serial):	85142759 WIRING HARNESS	**Func. group:**	3719 **Defect code:**
New part:	25154460 CABLE TIE	**Main operation:**	3719-19-02-01 Routing and Clipping, Pre Delivery Inspection, Repair
Case source:		**Case no.:**	

TMA decision:
Problem:
Analysis:

Summary	Net (USD)	Hours	Approved (USD)	Rejected (USD)	Reject code	Description
Labour	[redacted]	3.8	[redacted]	[redacted]		
Material						
Other costs						
Total						

Note to dealer:

Labour

VST	Operation	Description	Quantity	Hours	Cost/hour	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
✔	3719-19-02-01	Routing and Clipping, Pre Delivery Inspection, Repair	19	0.2	[redacted]	[redacted]	[redacted]	[redacted]	
					Labour net total:	[redacted]			

Material

Causal part

Prefix	Part no.	Description	Func. group	Serial	Defect	Description
VO	85142759	WIRING HARNESS	3719			

Included material

Prefix	Part no.	Description	Func. group	Serial	Quantity	Price (USD)	Part markup	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
VO	25154460	CABLE TIE	1169		15	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
VO	25154460	CABLE TIE	1169		5						
VO	21087716	RETAINER	1162		4						
VO	25154460	CABLE TIE	1169		5						
					Material net total:		[redacted]				

Other costs

Quantity	Unit price	Net cost	Description	Approved (USD)	Rejected (USD)	Reject code

Remarks

Complaint: HARNESS LOOSE ALONG FRAME RAIL. FUEL LINES AND BATTERY CABLES RUBBING.
Cause: FACTORY ROUTING AND CLIPPING ISSUES .
Correction: G13*M13*N05*P02 / G14*M13*N05*P02 / G15*M13*N05*P02 / G16*M13*N05*P02 / G17*M13*N05*P02 / G18*M13*N05*P02 / G19*M13*N05*P02 / G20*M13*N05*P02 / G21*M13*N05*P02 / G22*M13*N05*P02 /D18*M13*N05*P02 / D19*M13*N05*P02 / D20*M13*N05*P02 / D21*M13*N05*P02 / D22*M13*N05*P02 / D23*M13*N05*P02 / D24*M13*N05*P02 / G12*M12*N05*P02 / G11*M05*N05*P03
1318 11/21/18 SECUREHARNESS ALONG LEFT AND RIGHT FRAME RAILS. SEPARATE FUEL LINES WITH ZIP TIES AND HOSE SEPARATING ZIP TIES. REPOSITION BATTERY CABLES GOING INTO BACK OF BATTERY BOX AND SECURE. CABLES MISS BACK OF COVER NOW.
Comment:

History

Status	Modified time	Modified by
Credited	12/7/2018 4:30 AM	SYSTEM_UCHP
Crediting ongoing	12/7/2018 4:20 AM	SYSTEM_UCHP
Ready for crediting	12/4/2018 4:12 PM	SYSTEM_UCHP
Evaluated auto	12/4/2018 4:12 PM	SYSTEM_UCHP
Released OK	12/4/2018 4:12 PM	M663065
Validated OK	12/4/2018 4:12 PM	M663065
Error	11/28/2018 2:31 PM	IS031

Claim job (7554-D808-53883-3)

Repair header

Importer:	7554 - Volvo Trucks North America Inc		
Dealer:	D808-M & K TRUCK CENTERS		
Reference no.:	53883 - 3	**Repair order no.:**	53883CS
Repair date:	11/20/2018	**Currency:**	USD ([redacted])
Registration date:	11/28/2018	**Force header information:**	☐
Delivering importer:	7554-Volvo Trucks North America Inc		
Delivering dealer:	999082-M & K QUALITY TRUCK SALES OF SUMMIT, LLC		
Using customer:	0-		
Reg. no.:			
Chassis id:	M742-7078	**Marketing type:**	AN64T
VIN:	1M1AN3GY6KM007078	**Company:**	TSM Americas
Delivery date:		**Brand:**	Mack
No vehicle:	☐		
Mileage (miles):	15	**Operating hours (h):**	
Age (m):	0		

Claim job information

Claim job status:	Credited	**Forced:**	☐
Claim job type:	Vehicle warranty	**Follow up code:**	
Scenario code:	21 Dealer, no debit	**MI name:**	Hold material
Causal part (serial):	85142726 PAINT	**Func. group:**	7119 **Defect code:**
New part:	RC PAI16GLBK GLOSS BLACK	**Main operation:**	8013-15-09-35 Paint Spot Repair
Case source:		**Case no.:**	

TMA decision:
Problem:
Analysis:

Summary	Net (USD)	Hours	Approved (USD)	Rejected (USD)	Reject code	Description
Labour	[redacted]	2.4	[redacted]	[redacted]		
Material						
Other costs						
Total						

Note to dealer:

Labour

VST	Operation	Description	Quantity	Hours	Cost/hour	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
✔	8013-15-09-35	Paint Spot Repair	24	0.1	[redacted]	[redacted]	[redacted]	[redacted]	
					Labour net total:	[redacted]			

Material

Causal part

Prefix	Part no.	Description	Func. group	Serial	Defect	Description
VO	85142726	PAINT	7119			

Included material

Prefix	Part no.	Description	Func. group	Serial	Quantity	Price (USD)	Part markup	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
NA2	RC PAI16GLBK	GLOSS BLACK			1	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]0	
NA2	RC PAI16PRGY	GRAY PRIMER			1	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
					Material net total:		[redacted]				

Other costs

Quantity	Unit price	Net cost	Description	Approved (USD)	Rejected (USD)	Reject code
1	[redacted]	[redacted]	EPA	[redacted]	[redacted]	

Remarks

Complaint: PAINT PEELING OFF AXLE FLANGES.
Cause: LACK OF PRIMER...
Correction: A2*122*5 / E2*122*5 / A6*122*5 / E6*122*5
CLEAN, PRIME AND REPAINT AXLE FLANGES.
Comment:

History

Status	Modified time	Modified by
Credited	12/7/2018 4:30 AM	SYSTEM_UCHP
Crediting ongoing	12/7/2018 4:20 AM	SYSTEM_UCHP
Ready for crediting	12/4/2018 8:21 PM	SYSTEM_UCHP
Evaluated auto	12/4/2018 8:21 PM	SYSTEM_UCHP
Released OK	12/4/2018 8:21 PM	XY50451
Validated OK	12/4/2018 8:21 PM	XY50451
Error	11/28/2018 2:31 PM	IS031

Claim job (7554-D808-53883-2)

Repair header

Importer:	7554 - Volvo Trucks North America Inc		
Dealer:	D808-M & K TRUCK CENTERS		
Reference no.:	53883 - 2	**Repair order no.:**	53883CS
Repair date:	11/20/2018	**Currency:**	USD ([redacted])
Registration date:	11/28/2018	**Force header information:**	☐
Delivering importer:	7554-Volvo Trucks North America Inc		
Delivering dealer:	999082-M & K QUALITY TRUCK SALES OF SUMMIT, LLC		
Using customer:	0-		
Reg. no.:			
Chassis id:	M742-7078	**Marketing type:**	AN64T
VIN:	1M1AN3GY6KM007078	**Company:**	TSM Americas
Delivery date:		**Brand:**	Mack
No vehicle:	☐		
Mileage (miles):	15	**Operating hours (h):**	
Age (m):	0		

Claim job information

Claim job status:	Credited	**Forced:**	☐
Claim job type:	Vehicle warranty	**Follow up code:**	
Scenario code:	21 Dealer, no debit	**MI name:**	No Material
Causal part (serial):	85152387 CONTROL SYSTEM	**Func. group:**	5654 **Defect code:**
New part:		**Main operation:**	5654-16-02-02 Chassis Air Leak, Repair
Case source:		**Case no.:**	

TMA decision:
Problem:
Analysis:

Summary	Net (USD)	Hours	Approved (USD)	Rejected (USD)	Reject code	Description
Labour	[redacted]	0.4	[redacted]	[redacted]		
Material						
Other costs						
Total						

Note to dealer:

Labour

VST	Operation	Description	Quantity	Hours	Cost/hour	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
✔	5654-16-02-02	Chassis Air Leak, Repair	2	0.2	[redacted]	[redacted]	[redacted]	[redacted]	
					Labour net total:	[redacted]			

Material

Causal part

Prefix	Part no.	Description	Func. group	Serial	Defect	Description
VO	85152387	CONTROL SYSTEM	5654			

Included material

Prefix	Part no.	Description	Func. group	Serial	Quantity	Price (USD)	Part markup	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
						Material net total:	[redacted]				

Other costs

Quantity	Unit price	Net cost	Description	Approved (USD)	Rejected (USD)	Reject code

Remarks

Complaint: AIR LEAKS DOWN.
Cause: 1 FITTING AND 1 LINE LEAKING.

Correction: D12*M02*N05*P15 / G12*M02*N05*P15
1318 11/21/18 DIAGNOSE AND TEST FOR LEAKS. FOUND LEAK AT 5/8" ELBOW FITTING OFF OF ATC/ABS VALVE. CLEAN PAINT OFF LINE AND TRIM. RESEAL FITTING. AIR BACK UP AND RETEST - NO LEAKS FOUND.

Comment:

History

Status	Modified time	Modified by
Credited	12/7/2018 4:30 AM	SYSTEM_UCHP
Crediting ongoing	12/7/2018 4:20 AM	SYSTEM_UCHP
Ready for crediting	12/4/2018 4:09 PM	SYSTEM_UCHP
Evaluated auto	12/4/2018 4:09 PM	SYSTEM_UCHP
Released OK	12/4/2018 4:09 PM	M663065
Validated OK	12/4/2018 4:09 PM	M663065
Error	11/28/2018 2:31 PM	IS031

Claim job (7554-D808-53883-1)

Repair header

Importer:	7554 - Volvo Trucks North America Inc		
Dealer:	D808-M & K TRUCK CENTERS		
Reference no.:	53883 - 1	**Repair order no.:**	53883CS
Repair date:	11/20/2018	**Currency:**	USD ([redacted])
Registration date:	11/28/2018	**Force header information:**	☐
Delivering importer:	7554-Volvo Trucks North America Inc		
Delivering dealer:	999082-M & K QUALITY TRUCK SALES OF SUMMIT, LLC		
Using customer:	0-		
Reg. no.:			
Chassis id:	M742-7078	**Marketing type:**	AN64T
VIN:	1M1AN3GY6KM007078	**Company:**	TSM Americas
Delivery date:		**Brand:**	Mack
No vehicle:	☐		
Mileage (miles):	15	**Operating hours (h):**	
Age (m):	0		

Claim job information

Claim job status:	Credited	**Forced:**	☐
Claim job type:	Service	**Follow up code:**	
Scenario code:	24 Dealer, service, no debit	**MI name:**	No Material
Causal part (serial):		**Func. group:**	1710 **Defect code:** 03
New part:		**Main operation:**	1711-06-02-01 Pre-Delivery Inspection
Case source:		**Case no.:**	

TMA decision:
Problem:
Analysis:

Summary	Net (USD)	Hours	Approved (USD)	Rejected (USD)	Reject code	Description
Labour	[redacted]	1	[redacted]	[redacted]		
Material						
Other costs						
Total						

Note to dealer:

Labour

VST	Operation	Description	Quantity	Hours	Cost/hour	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
✔	1711-06-02-01	Pre-Delivery Inspection	1	0.7	[redacted]	[redacted]	[redacted]	[redacted]	
✔	1700-20-09-01	Road Test	3	0.1	[redacted]	[redacted]	[redacted]	[redacted]	
					Labour net total:	[redacted]			

Material

Causal part

Prefix	Part no.	Description	Func. group	Serial	Defect	Description
			1710		03	Delivery service

Included material

Prefix	Part no.	Description	Func. group	Serial	Quantity	Price (USD)	Part markup	Net (USD)	Approved (USD)	Rejected (USD)	Reject code
						Material net total:	[redacted]				

Other costs

Quantity	Unit price	Net cost	Description	Approved (USD)	Rejected (USD)	Reject code

Remarks

Complaint: PERFORM MACK PDI AND ROAD TEST.

Cause: PDI.
Correction: 1318 11/20/18 PERFORMED PDI. 1042 11\26\18 ROAD TEST AND INSPECT.
Comment:

History

Status	Modified time	Modified by
Credited	12/7/2018 4:30 AM	SYSTEM_UCHP
Crediting ongoing	12/7/2018 4:20 AM	SYSTEM_UCHP
Ready for crediting	12/4/2018 4:08 PM	SYSTEM_UCHP
Evaluated auto	12/4/2018 4:08 PM	SYSTEM_UCHP
Released OK	12/4/2018 4:08 PM	M663065
Released OK	12/4/2018 4:08 PM	M663065
Validated OK	12/4/2018 4:08 PM	M663065
Error	11/28/2018 2:31 PM	IS031