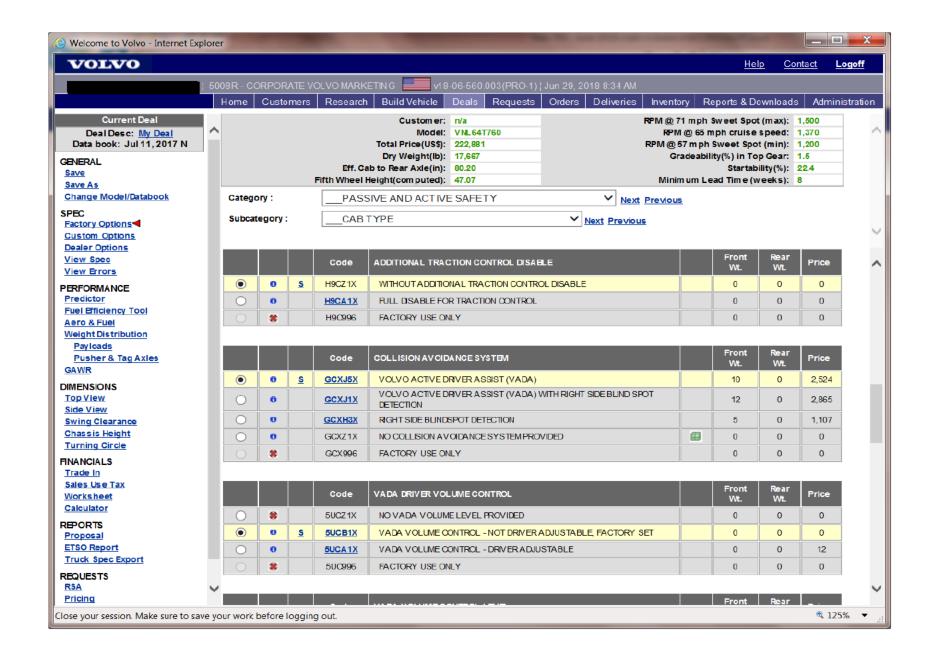


## Vehicle Attachment – 2019 Volvo Factory Order Worksheet

Boise, ID

HWY18FH015

(7 pages)



MODEL PACKAGE			
S -	004823	MODEL	VNL64T760
5	007823	00 MODEL	760 FULL CAE
S -	008004	00 BASE MODEL	VNL641
	198042	DATA RELEASE DATE	10/2/201
м.	928998	ORDER TYPE VEHICLE REQUIREMENTS	RETAIL OR STOCK - CUSTOM SPECIFICATION:
	920998 932998	MODEL PACKAGE	BASE MODEL STANDARD:
M 		DRIVETRAIN CONCEPT	NO ALTERNATIVE DRIVETRAIN CONCEPT PACKAGE PROVIDED
vi	927998	FUEL ECONOMY PACKAGE  DRIVER COMFORT PACKAGE	NO FUEL ECONOMY PACKAGE PROVIDED
	921998		NO DRIVER COMFORT PACKAGE PROVIDED
W	924998	LIGHT WEIGHT PACKAGE	NO LIGHTWEIGHT PACKAGE PROVIDED
и	925998	LOW MAINTENANCE PACKAGE	NO LOW MAINTENANCE PACKAGE PROVIDE
VEHICLE ADAPTATION			
м	114010	MARKET ADAPTATION	USA / USA TERRITORY MARKET ADAPTATION
М	259001	VEHICLE VOCATION	LINEHAUL / LONG HAUL SERVICE
и	938002	CUSTOMER FLEET SIZE	REGIONAL FLEET 25 OR MORE VEHICLES IN OWN FLEET OF ANY VEHICLE BRANE
и	885024	PROGRAM	VOLVO TRUCK LEASING SYSTEM USA
PASSIVE AND ACTIVE SAFETY	2CXN2X	CAB TYPE	HIGH-STRENGTH STEEL (HSS) 70" TALL ROOF INTEGRAL SLEEPER
, M	GCXZ1X	COLLISION AVOIDANCE SYSTEM	NO COLLISION AVOIDANCE SYSTEM PROVIDED
4	5UCZ1X	VADA DRIVER VOLUME CONTROL	NO VADA VOLUME LEVEL PROVIDE
 M	5VCZ1X	VADA VOLUME CONTROL LEVEL	NO VADA VOLUME LEVEL PROVIDE
 M	G6CZ1X	VADA TIME GAP AND WARNING SETTINGS	NO ADJUSTABLE TIME GAP CONFIGURATION PROVIDED
ч	5RXZ1X	BACKUP ALARM	NO BACKUP ALARM PROVIDE
м	3MBZ1X	PARK BRAKE ALARM	WITHOUT PARK BRAKE ALARN
•	V22.17.	.,	
ENGINE			
М	1017Y1	ENGINE PACKAGE	VOLVO D13 455HP 2100RPM 1850/1550 LBFT ECO-TORQUE ECONOMY - EPA'17 EMISSION LEVEL
ENGINE EQUIPMENT			
М	K9X09X	COOLANT	EXTENDED LIFE ANTIFREEZE -34 F (-37 C
И	208021	FAN CLUTCH PACKAGE	KYSOR ON / OFF FAN CLUTCH
И	NCXD1X	STARTER	VOLVO 12V GEAR REDUCTION STARTER (MODEL 105P55
И	810125	BATTERY PACKAGE	4 VOLVO 730 CCA DUAL PURPOSE MAINTENANCE FREE 12V BATTERIES, 2920 CCA
М	L5XZ1X	BATTERY BOX COVER	NO BATTERY BOX COVER PROVIDED
И	LFXA1X	BATTERY PROTECTION	VOLVO BATTERY LIFEGUARD SYSTEM
М	MOXAAX	BATTERY ISOLATION	RUBBER ISOLATION PAD UNDER BATTERIES
М	428001	DIESEL EXHAUST FLUID TANK	IN LH 26", FRAME MOUNTED (168 LBS OF DEF WHEN FILLED TO MAXIMUM LEVEL) INCLUDED IN BASE MODEL WEIGHT
М	230046	EXHAUST SYSTEM	INTEGRATED DPF & SCR MTD RHS UNDER CAB, WITH SINGLE VERTICAL STACK BACK OF CAB
И	232081	EXHAUST OUTLET PACKAGE	13' 5" ALUMINIZED STAINLESS STEEL SINGLE STACK
М	JVXH1X	PRIMARY FUEL FILTER	VOLVO DUAL ENGINE MOUNTED FUEL FILTERS WITH WATER SEPARATOR
М	J7XZ1X	AUXILIARY FUEL SYSTEM EQUIPMENT	WITHOUT AUXILIARY FUEL SYSTEM EQUIPMENT
М	5NXA1X	ENGINE BLOCK HEATER	PHILLIPS 120V 1500W LEFT HAND RECEPTACLE BLOCK HEATER
	EFXZ1X	ENGINE OIL PAN HEATER	NO OIL PAN HEATER PROVIDED
M			
M M	HTXA8X QHXA1X	ENGINE BRAKE ENGINE OIL PAN	VOLVO ENGINE BRAKE (I-VEB) COMPOSITE OIL PAN (STANDARD OIL CHANGE INTERVALS'

TRANSMISSION			
M	270703	TRANSMISSION PACKAGE	VOLVO I-SHIFT ATO2612F, 12 SPEED
M	CNXBAX	VOLVO TRANSMISSION ELECTRONICS	FUEL ECONOMY VOLVO I-SHIFT TRANSMISSION ELECTRONICS (WITH BASIC SHIFTER
M	N1DZ1X	PREDICTIVE CRUISE CONTROL	NO PREDICTIVE CRUISE CONTROL PROVIDED
M	3IAA1X	HILL START ASSIST	HILL START ASSIST
M	6RAZ1X	VOLVO TRANSMISSION PERFORMANCE MODE	
М	6SAA1X	VOLVO TRANSMISSION KICK-DOWN MODE	VOLVO I-SHIFT TRANSMISSION KICK-DOWN MODE, ENABLED IN ECONOMY AND PERFORMANCE MODES
М	RVXH2X	GEAR SHIFT LEVER	GEAR SHIFT LEVER, DASH MOUNTED, BASIC, VOLVO I-SHIFT
M	T2XB1X	TRANSMISSION COOLER	WATER TO OIL TRANS COOLER MOUNTED ON TRANSMISSION
M	TKXA1X	DRIVELINE	CALCULATED TO TORQUE REQUIREMENTS
М	250111	СLUТСН	VOLVO SACHS 17" SINGLE PLATE DAMPENED ORGANIC FOR I-SHIFT
PROGRAMMABLE FEATURES			
м	78AC5X	EMISSION ON BOARD DIAG CONTROL	EMISSION ON BOARD DIAGNOSTIC, DISPLAY ONLY, USA 2016
м	E0XGAX	ENGINE IDLE SHUTDOWN TIME (AM)	IDLE SHUTDOWN TIME 10 MINUTES
м	D3AAGX	AMBIENT TEMP MAX THRESHOLD (CMO)	MAX AMBIENT AIR TEMP OVER-RIDE, 90 DEG F (32 DEG C)
м	D2AAAX	AMBIENT TEMP MIN THRESHOLD (CMN)	MIN AMBIENT AIR TEMP OVER-RIDE, 35 DEG F (2 DEG C)
м	JDXD1X	CRUISE CONTROL (AG)	WITH ECO CRUISE CONTROL
м	JFXLRX	CRUISE CONTROL, MAX SPEED (AI)	MAXIMUM CRUISE, 68 MPH (110 KM/H)
м	Y3CC5X	PEDAL ROAD SPEED LIMIT SETTING (P1116)	PEDAL ROAD SPEED LIMIT, 65 MPH (105 KM/H)
М	JCXF1X	ROAD SPEED LIMIT SETTING (P1AOC)	ROAD SPEED LIMIT, 68 MPH (110 KM/H)
и	U5AL5X	GEAR DOWN VEHICLE SPEED LIMIT (P1AOD)	GEAR DOWN VEHICLE SPEED, 65 MPH (105 KM/H)
и	J4DZ1X	SUSPENSION PRESSURE DETECTION	NO SUSPENSION PRESSURE DETECTION PROVIDED
М	J3DZ1X	LOADED ROAD SPEED LIMITER	NO LOADED ROAD SPEED REDUCTION PROVIDED
и	R4BA1X	PRE-TRIP DIAGNOSTIC INSPECTION (JZU)	PRE-TRIP ASSISTANT
FRONT AXLE			
M	370401	FRONT AXLE PACKAGE	VOLVO VF12 12,500 LB FRONT SPRINGS
ч	YNX99X	FRONT STABILIZER	NO FRONT STABILIZER PROVIDED
ч	782002	FRONT BRAKE PACKAGE	FRONT BRAKE BENDIX SPICER, CAST S-CAM, STANDARD LUBE
и	LQXAPX	FRONT BRAKE LINING MATERIAL	BRAKE LINING MATERIAL FRONT, BENDIX SPICER BX920
м	0KXH1X	HUBS, FRONT AXLE	ALUMINUM UNITIZED FRONT AXLE HUBS
и	ZGXC1X	FRONT OIL SEAL CAP	UNITIZED FRONT AXLE OIL SEAL CAP
и	7VXC1X	FRONT AXLE LUBRICANT	PETROLEUM / SYNTHETIC (50 / 50) FRONT AXLE CIE SEAL GAP
и	M0XB1X	STEERING SHAFT TYPE	GREASEABLE STEERING SHAFT
vi	IRXA1X	SPRING MAINTENANCE TYPE	LUBRICATED SPRING PINS AND BUSHINGS
REAR AXLE			
M	330688	REAR AXLE PACKAGE	MERITOR MT-40-14X3C AMBOID 40,000 LB CAPACITY
М	TAXD7X	REAR AXLE RATIO	3.25 REAR AXLE RATIO
M	350410	REAR SUSPENSION PACKAGE	38,000 LB VOLVO AIR SUSP 52" SPACING
M	783021	REAR BRAKE PACKAGE	REAR BRAKE BENDIX SPICER, NEXT GENERATION LIGHTWEIGHT, STANDARD LUBE
М	MAXACX	DRIVE AXLE BRAKE LINING MATERIAL	BRAKE LINING MATERIAL DRIVE, BENDIX SPICER BX418
А	0LXI1X	HUBS, DRIVE AXLE	ALUMINIUM PRESET PLUS DRIVE AXLE HUB WITH INTEGRATED SPINDLE NUT
и	7WXADX		'RON DELO GEAR LUBRICANT ESI SAE 80W-90 (APPROVED FOR MERITOR EXTENDED COMPONENT WARRANTY ONLY
М	781055	PARKING BRAKE CHAMBER PACKAGE	TWO CAM TYPE HALDEX
М	784013	FRONT AND REAR SLACK ADJUSTERS	MERITOR BRAKE ADJUSTER FRONT AND REAR

DRIVER SIDE FRONT CHASSIS CONFIGURATIO

PASSENGER SIDE FRONT CHASSIS CONFIGUR

LEFT HAND BATTERY BOX - 4 CAPACITY, DEF TANK MOUNTED BEHIND BATTERY BOX (VNL / VNR)

INTEGRATED DPF & SCR (VNR / VNL / VHDB)

CHASSIS

3XBHAX

3YBAFX

M	400221	WHEELBASE	221" WHEELBASE
М	402055	OVERHANG	55" OVERHANG
м	KBXB1X	FUEL TANK SHAPE - DIESEL	26" DIA CYLINDRICAL FUEL TANK
м	J8XG1X	FUEL TANK, LEFT HAND SIDE - DIESEL	125 GALLON LEFT HAND FUEL TANK
м	J9XG1X	FUEL TANK, RIGHT HAND SIDE - DIESEL	125 GALLON RIGHT HAND FUEL TANK
м	4TXF1X	AERODYNAMIC DEVICE CHASSIS	FLARED PARTIAL CHASSIS FAIRING
м	4DBZ1X	CHASSIS FAIRING GROUND EFFECTS	NO CHASSIS FAIRING GROUND EFFECTS PROVIDED
м	2EBB1X	CHASSIS FAIRING DIESEL EXHAUST FLUID FIL	CHASSIS FAIRING DIESEL EXHAUST FLUID FILL ACCESS WITH DOOR
м	7PAC1X	CHASSIS FAIRING LANYARD	CHASSIS FAIRING LANYARD, EXTENDED LENGTH
м	8NAZ1X	DPF COVER	NO DPF COVER PROVIDED
М	UWXD1X	AIR TANK DRAIN VALVE	MANUAL DRAIN VALVES, LANYARD ON WET TANK
М	403012	FRAME RAIL PACKAGE	11.81"X3.54"X.24" STRAIGHT STEEL RAILS
М	X8XB1X	FORWARD REAR SUSP CROSSMEMBER MATE	STEEL CROSSMEMBER MATERIAL
М	F7BZ1X	BUMPER REINFORCEMENT	NO BUMPER REINFORCEMENT PROVIDED
M	68XZ1X	REAR FENDER	NO REAR FENDER PROVIDED
М	67XZ1X	MUDFLAP TYPE, REAR AXLE	NO REAR MUDFLAP PROVIDED
M	69XF4X	MUDFLAP HANGERS, REAR AXLE	VOLVO PAINTED STEEL ANGLED
М	IDXB1X	MUDFLAP HANGER LOCATION (CA)	BASIC MUDFLAP BRACKET LOCATION
М	5EXZ1X	PROTECTION PLATE, RADIATOR/OIL PAN	NO LOWER RADIATOR PROTECTION PROVIDED
М	Q8CB1X	MAIN CHASSIS WIRING HARNESS COVERING	BASIC MAIN CHASSIS WIRING HARNESS COVERING
м	U7CBYX	LH FUEL TANK FACE LOCATION	LH FUEL TANK FRONT FACE @ X-MAIN5535
м	U8CBWX	RH FUEL TANK FACE LOCATION	RH FUEL TANK FRONT FACE @ XM=5535
TRANSPORT ADAPTATION			
M	7KXA3X	BACK OF CAB (BOC) ACCESS PACKAGE	LEFT HAND BACK OF CAB ACCESS WITH 20" LOW PROFILE DECK
М	490314	FIFTH WHEEL PACKAGE	JOST AIR SLIDE LEFT HAND RELEASE
М	LPXZ1X	FIFTH WHEEL GROUND STRAP	WITHOUT FIFTH WHEEL GROUND STRAP
М	6JXB1X	SLIDING FIFTH WHEEL TRAVEL	24.0 INCHES OF FIFTH WHEEL TRAVEL
М	51XB1X	HOSEHANGERS	TOWEL BAR BACK OF CAB (INCLUDES STORAGE BRACKET, CAB MOUNTED)
М	52XB1X	TRAILER ELECTRICAL CABLE	DETACHABLE TRAILER CABLE
М	5ZXC1X	TRAILER BRAKE HOSES & CABLES	12' STRAIGHT TRAILER BRAKE HOSES AND CABLE
М	M1XZ1X	ELECTRICAL RECEPT, AUX POWER	WITHOUT ELECTRICAL RECEPTACLE AUXILIARY POWER
М	WLXA1X	TRAILER BRAKE HAND CONTROL	FULL PRESSURE TRAILER BRAKE HAND CONTROL
М	6NXH4X	PINTLE HOOK TYPE	SAF HOLLAND PH-30RP41, PINTLE HOOK (4000LB. CAPACITY)
CAB EXTERIOR	4RXZ1X	AERODYNAMIC DEVICE ROOF	NO ROOF AERODYNAMIC DEVICE PROVIDED
м	4SXA1X	AERODYNAMIC DEVICE CAB SIDE	CAB SIDE FAIRINGS
М	OBXZ1X	AUXILIARY ROOF WINDOW	WITHOUT SKYLIGHT
м	87AZ1X	MIRROR ARM WIND DEFLECTOR	NO MIRROR ARM WIND DEFLECTOR PROVIDED
M	3GXC1X	EXTERIOR MIRROR FEATURES	HEATED, POWER AXIS MIRROR, BOTH SIDES
M	EDXB8X	AUXILIARY MIRROR, HOOD	HOOD MTD MIRROR, BOTH SIDES, AERODYNAMIC BLACK
	25/25//	None and the second sec	11005 1110 11110 1110 1110 1110 1110 11
CAB INTERIOR	54000	INTERIOR TRIM DAGKAGE	FLEET, WANTE DANFI S WITH METAL HEY TOM
M	540088	INTERIOR TRIM PACKAGE	FLEET - VINYL PANELS WITH METAL HEX TRIM
M	520102	DRIVER SEAT	X2 RAVEN CLOTH WITH METALLIC ACCENT
M	1GAF1X	PASSENGER SEAT MANUFACTURER AND SER	NATIONAL PASSENGER SEAT
M	521102	PASSENGER SEAT	X2 RAVEN CLOTH WITH METALLIC ACCENT
M	3PXC1X	SEAT ARMREST	INBOARD DRIVER AND PASS SEAT ARMREST
M	4LXB1X	SLEEPER CONTROL PANEL	PREMIUM SLEEPER CONTROL PANEL
М	41X11X	PARKING HEATER	CAB PARKING HEATER

М	3WX21X	MATTRESS	39" X 81" LOWER BUNK, 32" X 78" FOLDABLE UPPER BUNK WITH FOAM MATTRESS
М	E3XA2X	STORAGE FORWARD HEADLINER	FORWARD HEADLINER STORAGE BASIC WINETS
М	EHXD2X	TOWER CABINET, DRIVER SIDE UPPER	DRIVER SIDE UPPER AUXILIARY 12 VOLT DC PREP WITH FASCIA
М	EKXC2X	TOWER CABINET, PASSENGER SIDE UPPER	PASSENGER SIDE UPPER SHELVES WITH DOORS
М	EGXB2X	TOWER CABINET, DRIVER SIDE LOWER	DRIVER SIDE LWR CABINET WITH TABLE AND STORAGE BEHIND SEAT
М	571020	GAUGE PACKAGE	EIGHT GAUGE INSTRUMENT CLUSTER
М	CCXZ1X	SECONDARY GAUGE PACKAGE	NO SECONDARY GAUGE PACKAGE PROVIDED
М	PGXB1X	TRANSMISSION TEMPERATURE GAUGE	NO TRANSMISSION TEMP GAUGE PROVIDED
M	E1AZ1X	GAUGE OIL TEMP-REAR AXLE	WITHOUT AXLE OIL TEMP GAUGE
м	M3AZ1X	GAUGE, REAR AIR SUSP PRESSURE	WITHOUT REAR AIR SUSPENSION GAUGE
LIGHTING			
м	81AB1X	SPOTTING LAMP TECHNOLOGY	SPOTTING LAMP, LED
м	N5XA1X	SPOTTING LAMP, BACK OF CAB	SINGLE BACK OF CAB SPOTTING LAMP, FLUSH MOUNTED
М	L7XZ1X	SPOTTING LAMP, TRAILER	NO TRAILER SPOTTING LAMP PROVIDED
М	NGXB1X	FOG LAMPS	TWO FOG LAMPS - WHITE
м	836004	HEADLAMPS	LED HEADLAMPS WITH SIGNATURE DRL
м	NEXD2X	STOP AND TAIL LIGHTS	DUAL SUPER 44 LED WITH SEPARATE LED BACKUP
AUDIO SYSTEM			
M	590014	RADIO PACKAGE	AM / FM / CD / MP3 / USB / BLUETOOTH RADIO
М	5CXG1X	RADIO SPEAKERS	SPEAKERS IN DASHBOARD, DOOR, AND REAR CAB
м	5BXB5X	CB ANTENNA	SINGLE LEFT HAND 48 INCH MIRROR MOUNTED CB ANTENNA
MISC CAB EQUIPMENT			
М	2XX35X	WINDOW LIFT	POWER WINDOW LIFT BOTH DOORS
м	EAXB1X	AUXILIARY SWITCH	TWO (2) AUXILIARY SWITCHES WITH WIRING, 15 AMP PER SWITCH
M	W7DA5X	AUXILIARY DASH SWITCH PANEL	AUXILIARY DASH SWITCH PANEL, 10
М	4ZXZ1X	REFRIGERATOR	NO REFRIGERATOR PROVIDED
м	LNXAIX	INVERTER/CONVERTER	120V INVERTER/CHARGER, UNDER BUNK COMPARTMENT MOUNTED
м	5HXA1X	AUXILIARY POWER SUPPLY	120V SHORE POWER KIT
м	40XL2X	FIRE EXTINGUISHER	5 POUND ABC DRY TYPE, RECHARGEABLE, MOUNTED IN CAB
м	4VX31X	AUXILIARY SAFETY EQUIPMENT	TRIANGLE REFLECTOR KIT
M	ENXZ1X	FUEL PERMIT PLATE	NO FUEL PERMIT PLATES PROVIDED
TIRES AND WHEELS FRONT			
M	093725	TIRE PACKAGE FRONT	295/75R22.5G BRIDGESTONE R268 (12350 LBS. GAWR) REGIONAL HAUL
M	084507	RIM/WHEEL PACKAGE FRONT	22.5X8.25 ALCOA CLEAN BUFF ALUMINUM 286BC HUB PILOTED
M	004507	RIM/WHEEL PACKAGE PRONT	22.336.23 ALCOA CLEAN BUFF ALUMINUM 2000C RUB PILOTEU
TIRES AND WHEELS REAR			
м	094684	TIRE PACKAGE REAR	295/75R22.5G BRIDGESTONE M710 ECOPIA (22700 LBS. GAWR) LONG / REGIONAL HAUL
М	085507	RIM/WHEEL PACKAGE REAR	22.5X8.25 ALCOA CLEAN BUFF ALUMINUM 286BC HUB PILOTED
м	908008	DRIVE WHEEL AND TIRE QUANTITY	EIGHT DRIVE WHEELS AND TIRES
MISC TIRE EQUIPMENT			
M	15XABX	TIRE INFLATION VALVE	TIRE INFLATION VALVE, STANDARD
PAINT			
M	9801T4	FIRST TRUCK COLOR	GLACIER WHITE; P3029
M	987980	BUMPER COLOR	BUMPER SAME AS FIRST COLOR
M			NO CHASSIS FAIRING COLOR PROVIDED
191	992998	CHASSIS FAIRING COLOR	NO CHASSIS FAIKING COLOR PROVIDED

М	9861U1	CHASSIS COLOR	BLACK P3036
M	988401	DISC WHEEL OR RIM COLOR	STEEL DISC WHEELS-PREPAINTED WHITE, POWDER-COAT, ALUMINUM OR STYLIZED DISC-UNPAINTED

SIGNATURE