

**CS54B VIBRATORY COMPACTOR
MINNEAPOLIS, MN, USA (SAP)**Ship Weight
lbsLIST PRICE
AT DEALER

Standard Equipment:

POWERTRAIN

CAT C4.4 inline four cylinder, turbo-charged diesel engine with glow-plug heater
 Dual element air cleaner
 Fuel filter/water separator/electronic priming pump and water indicator
 Three-speed throttle switch including ECOMODE
 Dual propel pumps - 1 for drum and 1 for tires
 Dual braking systems (service & parking, drum only)
 Two-speed hydrostatic transmission
 Limited slip differential

ELECTRICAL

24-volt starting and charging system alternator
 (2) Maintenance free batteries - 750 CCA
 Halogen working lights - canopy mounted (2 front-facing and 2 rear-facing)
 Backup alarm and forward warning horn
 Product link ready
 Beacon ready

OPERATOR ENVIRONMENT

ROPS/FOPS platform
 Four heavy-duty isolation mounts
 Platform handrails/guardrails
 Power steering
 Adjustable tilt-steering column
 Adjustable, rotating suspension seat
 Retractable seat belt
 Adjustable, padded arm rest for propel lever operation
 On-board display with audible warning alarm and interface for:
 -hydraulic oil temperature gauge
 -engine oil pressure gauge
 -engine coolant temperature gauge
 -alternator charge
 -fuel level gauge
 -service hour meter
 -engine RPM
 -ground speed, vibe speed
 -fuel rate gauge
 -engine load gauge
 -basic compaction measurement
 Lockable, vandalism guard for on-board display
 12-volt power point

COOLING

Premixed 50% concentration of extended life coolant with freeze protection to -37C (-35F)

DRUMS

Smooth drum
 2134 mm (84") wide x 1534 mm (60.4") diameter
 Dual amplitude with single frequency
 Dual, pod-style eccentric weight housings
 Front adjustable steel scraper

OTHER STANDARD EQUIPMENT

Locking composite engine enclosure
 Sealed-for-life hitch bearings
 Sight gauges:
 -coolant level
 -hydraulic oil level
 Hydraulic tank locking cap
 Articulated frame with safety lock
 Transport tie-down and lift points
 Fuel tank with lockable cap
 Quick connect hydraulic pressure test ports
 SOS ports:
 -engine
 -hydraulic
 -coolant
 Universal bumper

CS54B VIBRATORY COMPACTOR
MINNEAPOLIS, MN, USA (SAP)

Ship Weight
lbs

LIST PRICE
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**Lane 2 is reserved for the Base Order Management Program.
Please use Lane 2 when placing orders that are part of the
Base Order Management program.**

497-5491 CS54B VIBRATORY COMPACTOR DCA1 0 \$192,760
LANE 1 - AVAILABLE FROM MINNEAPOLIS PDC

INCLUDES:

433-1610 CS54B VIBRATORY COMPACTOR
420-9150 ENGINE, TIER 4F/STAGE 4
479-9014 SCREEN, STANDARD
435-8036 CAB, ROPS/FOPS WITH A/C
356-1227 SEAT, CLOTH
387-1801 BELT SEAT, 3"
477-9990 LANGUAGES, OPTION 1
454-5454 PRODUCT LINK, CELLULAR PL641
454-0249 INSTALLATION, CAB
441-6674 SENSOR, DRIVE POWER
203-4717 TIRES, 23, 1-26 8PR
355-3542 FREQUENCY, FIXED
360-0493 SCRAPER, STEEL, FRONT
362-4940 OIL, HYD, FACTORY FILLED
355-3056 LIGHTS, UPGRADED
107-4641 SUN VISOR, FRONT
107-4643 MIRRORS, REARVIEW, INTERNAL

NOTE: Please refer to the Lane 1 section to complete your order.

497-5489 CS54B VIBRATORY COMPACTOR DCA2 0 \$170,000
LANE 1 - AVAILABLE FROM MINNEAPOLIS PDC

INCLUDES:

433-1610 CS54B VIBRATORY COMPACTOR
420-9150 ENGINE, TIER 4F/STAGE 4
479-9014 SCREEN, STANDARD
435-8035 PLATFORM, ROPS/FOPS
356-1226 SEAT, VINYL
387-1801 BELT SEAT, 3"
477-9990 LANGUAGES, OPTION 1
454-5454 PRODUCT LINK, CELLULAR PL641
454-0250 INSTALLATION, ROPS/FOPS
441-6674 SENSOR, DRIVE POWER
203-4717 TIRES, 23, 1-26 8PR
355-3542 FREQUENCY, FIXED
360-0493 DRUM, STEEL, FRONT
362-4940 OIL, HYD, FACTORY FILLED
355-3056 LIGHTS, UPGRADED
354-5413 MIRRORS, REARVIEW, EXTERNAL

NOTE: Please refer to the Lane 1 section to complete your order.

CS54B VIBRATORY COMPACTOR
MINNEAPOLIS, MN, USA (SAP)**Ship Weight**
lbs**LIST PRICE**
AT DEALER

433-1610	CS54B VIBRATORY COMPACTOR	17,668	\$163,370
	LANE 2 - AVAILABLE FROM MINNEAPOLIS FACTORY		
	LANE 3 - AVAILABLE FROM MINNEAPOLIS FACTORY		

0P-2532	CS54B MISC MATL	0	NC
	AVAILABLE FROM MINNEAPOLIS FACTORY		
	Only reference numbers that have the text		
	"ALSO AVAILABLE ON A MISCELLANEOUS ORDER" can be used on a MISC order.		

USE	REF NO.	LANE 1	Ship Weight lbs	LIST PRICE AT DEALER
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LANE 1 AM-NORTH MANDATORY ATTACHMENTS***LANE SELECTION***

0P-9001	LANE 1 ORDER	0	NC
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INSTRUCTIONS - PICTOGRAPH FILMS

L	437-9888	INSTRUCTIONS, NA PLATFORM	0	NC
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L	437-9887	INSTRUCTIONS, INT'L PLATFORM	0	NC
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L	437-9886	INSTRUCTIONS, NA CAB	0	NC
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L	437-9885	INSTRUCTIONS, INT'L CAB	0	NC
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PACKING

0P-0210	PACK, DOMESTIC TRUCK	0	NC
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USE	REF NO.	LANE 1	Ship Weight lbs	LIST PRICE AT DEALER
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LANE 1 AM-NORTH OPTIONAL ATTACHMENTS***CERTIFICATES***

	0P-1870	CERTIFICATE OF ORIGIN.	0	NC
P	524-1948	COMPLIANCE FILM,ELECT-MAGNETIC Film indicates EMC compliance. Required for Canada	0	NC

USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
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LANE SELECTION

OP-9002	LANE 2 ORDER	0	NC
	Only for dealers enrolled in the Base Orders Management (BOM) program.		
OP-9003	LANE 3 ORDER	0	NC

POWERTRAIN**ENGINE**

L	420-9150	ENGINE, TIER 4F/STAGE 4	0	NC
		US EPA Tier 4 Final/EU Stage IV equivalent engine.		

ENCLOSURES

L	479-9014	SCREEN, STANDARD	7	NC
		Fixed (not openable) screen at rear, right side of the engine compartment.		
L	479-9015	FUEL SYSTEM, DOOR	23	\$360
		Hinged and CAT key lockable door to access fuel fill without opening enclosure.		

OPERATOR ENVIRONMENT**OPERATOR STATIONS**

L	435-8035	PLATFORM, ROPS/FOPS	1,262	NC
		Open platform with handrails, ROPS/FOPS canopy and working lights.		
L	435-8038	CAB, ROPS/FOPS WITH HEATER	1,620	\$16,830
		FOR USE WITH LANE 3 ONLY		
		Two front-facing and two rear-facing working lights, external rear-view mirrors, heater & defroster, and wet-arm wipers/washers (front and rear). Cab is Radio Ready, including hardware, wiring, voltage converter and 12-volt power point. Wiring only - Radio and Speakers not included.		
L	435-8036	CAB, ROPS/FOPS WITH A/C	1,700	\$22,470
		Two front-facing and two rear-facing working lights, external rear-view mirrors, air conditioner, heater & defroster, and wet-arm wipers/washers (front and rear). Cab is Radio Ready, including hardware, wiring, voltage converter and 12-volt power point. Wiring only - Radio and Speakers not included.		

SEATS

L	356-1226	SEAT, VINYL	150	NC
		Standard rotating vinyl covered suspension seat.		
L	356-1227	SEAT, CLOTH	150	\$309
		Standard rotating cloth covered suspension seat.		
		ONLY FOR USE WITH: 435-8038 CAB, ROPS/FOPS WITH HEATER or 435-8036 CAB, ROPS/FOPS WITH A/C		
L	356-1229	SEAT, CLOTH, DELUXE	158	\$535
		Deluxe rotating cloth seat with head rest, air suspension and additional adjustments.		
		ONLY FOR USE WITH: 435-8038 CAB, ROPS/FOPS WITH HEATER or 435-8036 CAB, ROPS/FOPS WITH A/C		

USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
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OPERATOR ENVIRONMENT (CONT.)**SEAT BELTS**

L	382-9003	SEAT BELT, 2"	2	NC
L	387-1801	SEAT BELT, 3"	2	\$144

OPERATOR LANGUAGES

L	477-9990	LANGUAGES, OPTION 1	0	NC
Includes standard languages (English, Spanish, French, German, Italian, Polish, Portuguese, Turkish, and Korean) for machine operation and control.				

TECHNOLOGY PRODUCTS**PRODUCT LINK**

Product Link enables the remote transmission of information about the location, operation, and condition of your equipment. Efficiently and effectively monitor the performance of your assets to help keep your jobs on schedule, maintain equipment condition, and reduce the costs of owning and operating your fleet. Availability varies by country - please reference <https://Dealer.cat.com/PL/Certification> for certified countries. Please contact your Caterpillar marketing representative with questions.

L	454-5453	PRODUCT LINK, SATELLITE PL631	9	\$439
Product Link Pro series PL631 uses a satellite network to transmit location, utilization and health information for viewing in Product Link user applications. For use in areas with poor or no cellular coverage.				
L	454-5454	PRODUCT LINK, CELLULAR PL641	9	NC
Product Link Pro series PL641 offers expanded coverage including 3G UMTS and CDMA2000 as well as 2G GSM and CDMA cellular networks to transmit location, utilization and health information for viewing in Product Link user applications. Cellular technology provides capabilities for frequent transmission and larger volumes of data.				

PRODUCT LINK INSTALLATION

L	454-0250	INSTALLATION, ROPS/FOPS	8	NC
Factory installation of PL on machine with ROPS/FOPS canopy. ONLY FOR USE WITH: 435-8035 PLATFORM, ROPS/FOPS				
L	454-0249	INSTALLATION, CAB	8	NC
Factory installation of PL on machines with cab. ONLY FOR USE WITH: 435-8038 CAB, ROPS/FOPS WITH HEATER or 435-8036 CAB, ROPS/FOPS WITH A/C				

USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
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TECHNOLOGY PRODUCTS (CONT.)**CAT COMPACTION CONTROL**

Compaction Monitoring sensors to detect changes in soil stiffness which is an excellent indicator of load bearing strength and provides the operator with real time compaction information on the machine display.

L	444-5931	NO COMPACTION SENSOR	0	NC
		No Sensors.		
L	441-6674	SENSOR, DRIVE POWER	5	\$3,900
		Proprietary Caterpillar technology that directly measures soil stiffness via material deflection (rolling resistance). Includes Sensor, Angle, High-Accuracy.		
L	441-6676	SENSOR, ACCELEROMETER.	15	\$6,340
		Traditional soil stiffness measurement providing CMV values resulting from vibration energy imparted to the soil. Sensor, Accel. will not work with Padfoot Shell Kit operation / Will only work with smooth drum operation.		
L	435-8012	SENSOR, DRIVE POWER AND ACCEL	20	\$8,030
		Provides MDP and CMV systems. Proprietary technology (MDP) that directly measures soil stiffness via material deflection (rolling resistance); plus, CMV traditional soil stiffness measurement providing values resulting from vibration energy imparted to the soil. Includes Sensor, Angle, High-Accuracy		

TIRES, RIMS, AND WHEELS

L	203-4717	TIRES, 23,1-26 TI 8PR	935	\$2,050
		8-ply flotation (diamond tread) tires and rims with liquid ballast.		
L	203-4718	TIRE, TRACTION	935	\$3,420
		23.1 x 26 8 ply traction (lug tread) tires and rims with liquid ballast. Typically for use with padfoot style drum.		

DRUMS**VIBRATORY SYSTEMS**

L	355-3542	FREQUENCY, FIXED	0	NC
		Single 31.9 Hz (1914 vpm) frequency with high and low amplitude.		
L	355-3541	FREQUENCY, VARIABLE	0	\$2,430
		Frequency dial that electronically controls the displacement of the vibratory pump. Frequency range from 23.3-31.9 Hz (1400-1914 vpm).		

SCRAPER SYSTEM

L	360-0493	SCRAPER, STEEL, FRONT	132	NC
		Standard smooth drum with one steel scraper at the front of the smooth drum.		
L	360-0494	SCRAPER, STEEL, FRONT & REAR.	487	\$1,915
		Standard smooth drum with flat steel scrapers at the front and rear of the smooth drum.		
L	360-0495	SCRAPER, POLYURETHANE.	492	\$2,550
		Two flexible, contacting scrapers blades iso-mounted at the front and rear of the smooth drum.		

USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
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DRUMS (CONT.)**SCRAPER SYSTEM (Cont.)**

L	360-0496	DRUM, SHELL KIT 3,235 Factory installed oval padfoot shell halves with padfoot scrapers located at the front and rear of the drum.		\$17,750
L	377-2938	SHELL KIT, SQUARE, PADFOOT 3,585 Factory installed square padfoot shell halves with padfoot scrapers located at front and rear of the drum.		\$17,410
L	472-2055	SCRAPER, SHELL KIT READY 970 Factory installed smooth drum with shell kit smooth and padfoot scrapers. Scrapers at the front and rear for use with smooth drum on machine or with dealer supplied padded shell kit.		\$6,720

FLUIDS**HYDRAULIC OIL**

L	362-4940	OIL, HYDR, FACTORY FILLED 0 Cat standard hydraulic oil.		NC
L	362-4941	OIL, HYD, BIO, FACTORY FILLED 0 FOR USE WITH LANE 3 ONLY This Hydraulic Environmental Ester Synthetic oil is recommended for hydraulic system when environmental compliance is required or desired. Factory filled.		\$3,270

INSTRUCTIONS

L	437-9888	INSTRUCTIONS, NA PLATFORM 0 ANSI picto warning decals using symbols plus the word "WARNING" as required for North America (except Quebec, Canada). ONLY FOR USE WITH: 435-8035 PLATFORM, ROPS/FOPS		NC
L	437-9886	INSTRUCTIONS, NA CAB 0 ANSI picto warning decals using symbols plus the word "WARNING" as required for North America (except Quebec, Canada). ONLY FOR USE WITH: 435-8038 CAB, ROPS/FOPS WITH HEATER or 435-8036 CAB, ROPS/FOPS WITH A/C		NC

USE	REF NO.	LANE 2 / 3 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER
ELECTRICAL				
P	355-3059	LIGHTING, WARNING	5 0	\$427 \$427 NI
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER		
P	355-3056	LIGHTS, UPGRADED	3 0	\$227 \$227 NI
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER		
		4 additional lights for increased nighttime visibility.		
P	355-3062	MODULE, RECORDING, STD FREQ	0 26	\$6,400 \$6,400 NI
		FOR USE WITH LANE 3 ONLY		
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER		
		Factory or field installed fixed frequency recording module		
		required in France.		
		ONLY FOR USE WITH: 355-3542 FREQUENCY, FIXED and		
		435-8038 CAB, ROPS/FOPS WITH HEATER or		
		435-8036 CAB, ROPS/FOPS WITH A/C		
P	355-3064	MODULE, RECORDING, VARIABLE	0 31	\$6,400 \$6,400 NI
		FOR USE WITH LANE 3 ONLY		
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER		
		Factory or field installed variable frequency recording module		
		required in France.		
		ONLY FOR USE WITH: 355-3541 FREQUENCY, VARIABLE and		
		435-8038 CAB, ROPS/FOPS WITH HEATER or		
		435-8036 CAB, ROPS/FOPS WITH A/C		
OPERATOR ENVIRONMENT				
P	354-5413	MIRRORS, REARVIEW, EXTERNAL	10 0	\$311 \$311 NI
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER		
		Includes two externally mounted rear-view mirrors.		
		ONLY FOR USE WITH: 435-8035 PLATFORM, ROPS/FOPS		
P	107-4643	MIRRORS, REARVIEW, INTERNAL	10 0	\$211 \$211 NI
		Includes two rear-view mirrors mounted inside the cab.		
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER		
		ONLY FOR USE WITH: 435-8038 CAB, ROPS/FOPS WITH HEATER or		
		435-8036 CAB, ROPS/FOPS WITH A/C		
P	204-4390	SUN SCREEN	2 2	\$332 \$332 NI
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER		
		Provides pull-down sunscreen for rear window, reduces heat and glare.		
		ONLY FOR USE WITH: 435-8038 CAB, ROPS/FOPS WITH HEATER or		
		435-8036 CAB, ROPS/FOPS WITH A/C		
P	107-4641	SUN VISOR, FRONT	2 0	\$78 \$78 NI
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER		
		Tip-down tinted sun visor for front window, reduces heat and glare.		
		ONLY FOR USE WITH: 435-8038 CAB, ROPS/FOPS WITH HEATER or		
		435-8036 CAB, ROPS/FOPS WITH A/C		

USE	REF NO.	LANE 2 / 3 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER
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TECHNOLOGY PRODUCTS**CAT COMPACTION CONTROL**

This is a factory designed and integrated SBAS accuracy level pass count and mapping system which requires no off-board infrastructure. For a higher accuracy solution, order the slope sensor below (for accelerometer sensor system) and consult your Dealer Technology Representative to order the necessary base station, data radio and higher accuracy option key for a RTK solution.

L	375-1612	MAPPING, GNSS 45		\$10,280
		CB460 Display (17.8 cm/7.0 in), MS952 antenna/receiver.		
		ONLY FOR USE WITH: 435-8035 PLATFORM ROPS/FOPS and		
		441-6674 SENSOR, DRIVE POWER or		
		441-6676 SENSOR, ACCELEROMETER or		
		435-8012 SENSOR, DRIVE POWER AND ACCEL		
L	375-1607	MAPPING, GNSS 45		\$10,280
		CB460 Display (17.8 cm/7.0 in), MS952 antenna/receiver.		
		ONLY FOR USE WITH: 435-8038 CAB, ROPS/FOPS WITH HEATER or		
		435-8036 CAB, ROPS/FOPS WITH A/C and		
		441-6674 SENSOR, DRIVE POWER or		
		441-6676 SENSOR, ACCELEROMETER or		
		435-8012 SENSOR, DRIVE POWER AND ACCEL		
P	441-6683	SENSOR, ANGLE, HIGH-ACCURACY 12		\$468
			0	\$468 NI
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER		
		Continental slope sensor		
		ONLY FOR USE WITH: MAPPING, GNSS and		
		441-6676 SENSOR, ACCELEROMETER		

MACHINE TO MACHINE COMMUNICATION

Machine to machine communication is integrated hardware consisting of an electronic control module, radio and antennas with connecting wiring that enables machines to communicate key compaction data via local wireless and/or cellular data networks. Contact your local SITECH dealer and wireless data carrier for additional support and cellular data packages.

L	569-8583	MACHINE CONNECTIVITY, SNM941 0		\$3,560
		SIM card enabled CDMA or GSM network with built in WIFI.		
		ONLY FOR USE WITH: 375-1612 MAPPING, GNSS		
		375-1607 MAPPING, GNSS		

OTHER ATTACHMENTS**GUARDS**

P	355-2660	GUARD, TRANSMISSION 44		\$1,115
			0	\$1,020 NI
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER		
		Provides protection for the rear axle, hydraulic drive motor and hose fittings.		

USE	REF NO.	LANE 2 / 3 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER
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FACTORY SOURCED KITS

P	526-2112	MULTI-MODEL SHELL KIT,OVAL,FLD 0 FOR USE WITH LANE 3 ONLY ALSO AVAILABLE ON A MISCELLANEOUS ORDER Kit for dealer installed oval padfoot shell halves with padfoot scrapers at the front and rear of the drum. Can be used for the CS54B, CS56B, CS64B, CS68B and CS74B machines.		\$17,750 NI
P	416-1351	SHELL KIT, SQR, PADFOOT, FLD 3,235 FOR USE WITH LANE 3 ONLY ALSO AVAILABLE ON A MISCELLANEOUS ORDER Kit for dealer installed square padfoot shell halves with padfoot scrapers at front and rear of the drum.		\$17,750 NI
P	491-6770	SCRAPER, POLYURETHANE FLD 492 FOR USE WITH LANE 3 ONLY ALSO AVAILABLE ON A MISCELLANEOUS ORDER Non-installed two flexible, contacting scrapers blades with ISO-mounts for the front and rear of the smooth drum.		\$2,550 NI
P	483-5926	PRINTER PORT WIRING KIT, CAB 0 FOR USE WITH LANE 3 ONLY ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes wiring kit only for printer (dealer installed) using on a machine with a mapping system. To be used with Cab, ROPS/FOPS machine.		\$400 NI
P	483-6357	PRINTER PORT WIRING KIT, PLFM 0 FOR USE WITH LANE 3 ONLY ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes wiring kit only for printer (dealer installed) used on a machine with a mapping system. To be used with Platform, ROPS/FOPS machine.		\$400 NI

DOCUMENTATION***CERTIFICATES***

P	0P-1870	CERTIFICATE OF ORIGIN 0		NC
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PACKING

	0P-0210	PACK, DOMESTIC TRUCK 0		NC
	0P-3651	PACKING, MISC MATERIAL 0 No charge for packing. Applicable freight charges may apply.		NC