



West Virginia Division of Highways Policy: **EQUIPMENT REPAIR PARTS NUMBERING SYSTEM**

Issued by the Commissioner of Highways

Policy No: DOH 4.6

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1.0 PURPOSE

The purpose of the Equipment Part Type and Subcode Manual is to assist storekeepers and other storeroom related personnel in understanding the part numbering system.

The first three digits of the twelve digit number represents the “CLASS” codes which are outlined below.

500 – New non-exempt parts

502 – Rebuilt parts and components

The second group of three digits composes the Part “TYPE”. The final group of six digits is the “SUBCODE”. The following explanation of the type and subcode numbering system provides the general theory behind the system.

The manual serves only as a guideline; there may be exceptions in any type or subcode.

2.0 SCOPE

This policy explains the parts codes to West Virginia Division of Highways (WVDOH) storekeepers and other storeroom related personnel in the Equipment Part Type and Subcode Manual.

3.0 DEFINITIONS

- 3.1 Description code – a four digit code referring to a standardized alphabetical listing of descriptions.
- 3.2 Application code – a three digit code (i.e., 800-999) referring to an alphabetical listing of common equipment manufacturers. The application codes are the same as the “TYPE” codes.
- 3.3 Sequence number – generally this is only a set of numbers starting with one and numbered consecutively. Sometimes the sequence number refers to something particular to the part, such as dimensions or engine size. Otherwise, it is no more than a unique identifying number.
- 3.4 Size chart – many subcodes throughout the manual refer to the following size chart.

All sizes are broken down into 64ths of an inch. The entire chart is listed:

1/64 = 01	13/64 = 13	25/64 = 25	37/64 = 37	49/64 = 49	61/64 = 61
1/32 = 02	7/32 = 14	13/32 = 36	19/32 = 38	25/32 = 50	31/32 = 62

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3/64 = 03	15/64 = 15	27/64 = 27	39/64 = 39	51/64 = 51	63/64 = 63
1/16 = 04	1/4 = 16	7/16 = 28	5/8 = 40	13/16 = 52	
5/64 = 05	17/64 = 17	29/64 = 29	41/64 = 41	53/64 = 53	
3/32 = 06	9/32 = 18	15/32 = 30	21/32 = 42	27/32 = 54	
7/64 = 07	19/64 = 19	31/64 = 31	43/64 = 43	55/64 = 55	
1/8 = 08	5/16 = 20	1/2 = 32	11/16 = 44	7/8 = 56	
9/64 = 09	21/64 = 21	33/64 = 33	45/64 = 45	57/64 = 57	
5/32 = 10	11/32 = 22	17/32 = 34	23/32 = 46	29/32 = 58	
11/64 = 11	23/64 = 23	35/64 = 35	47/64 = 47	59/64 = 59	
3/16 = 12	3/8 = 24	9/16 = 36	3/4 = 48	15/16 = 60	

TYPE

SUBCODE

EXPLANATION

020-029

BATTERIES AND BATTERY ACID

Type and Subcode same as old battery number.

Example: BATT 020300003 = 020 300003

030

BAUGHMAN SPREADER PARTS

Baughman Prefix Code:

0=None	1=B	2=C
3=GS	4=K	5=K5SC, KM, or K5L
6=SP or SW	7=TB	8=W
9=		

Sequence Number – First four digits of this sequence number is often the same as the Baughman Part Number.

Example: BAUMAN K5SC71 = 030 5 00710

031

KRAUS SPREADER PARTS

Sequence Number – often the same as the Kraus Part Number

Example: KRAUSE 3319 = 031 003319

034-039

SWENSON SPREADER PARTS

Last digit of Type and all six digits of Subcode are the old Swenson Part Number.

Example: SWENSN 6008-2 = 036 008002

042

CLAPSADDLE CHAIN DRIVE PARTS

Sequence Number – often the same as the Clapsaddle Part Number.

Example: CLPSDL NC1418 = 042 001418

044

TRIUMPH MOWER PARTS

Triumph Part Number Sequence Number.

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<u>TYPE</u>	<u>SUBCODE</u>	<u>EXPLANATION</u>
Example: TRIUMP 2093 = 044 0 2093 0		
The following Types (100 – 199) are rebuildable components.		
100		GASOLINE ENGINES Engine Size (usually in cubic inches) Sequence Number: 01=s/assy 02=complete 03=block only Example: CHEVY 366SA = 100 0366 01
101		DIESEL ENGINES Engine Size (can be cubic inches, model number, etc.) Sequence Number Example: CAT 3304 = 101 3304 01
103		ENGINE HEADS Engine Size Sequence Number Example: FORD 256HEAD = 103 0256 01
104		CRANKSHIFTS Engine Size Sequence Number Example: CHEVY 366CRANK = 104 0366 01
105		TURBO CHARGERS Engine Size Sequence Number Example: FORD T04B74 = 105 0256 01
106		BLOWERS Engine Size Sequence Number Example: GM 5138353 = 106 0671 01
107		GOVERNORS Engine Size Sequence Number Example: GM 5129803 = 107 0653 01
108		OIL PUMPS Engine Size

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<u>TYPE</u>	<u>SUBCODE</u>	<u>EXPLANATION</u>
		Sequence Number Example: JDEERE RE17040 = 108 0531 01
109		ALL OTHER ENGINE COMPONENTS Engine Size Sequence Number <i>This group applies to any other core for core engine components not covered by groups 100 through 108.</i> Example: CUMINS NHC250BRAKE = 109 0250 01
110		TRANSMISSIONS Application Code Sequence Number (The sequence number is often the transmission model number or the equipment's engine size.) Example: FORD A62TRANS = 110 860 062
111		TRANSFER CASES Application Code Sequence Number (The sequence number is often the transfer case model number or the equipment's engine size.) Example: INTNL M45TRANCASE = 111 890 045
112		TORQUE CONVERTORS Application Code Sequence Number (The sequence number is often the torque converter model number, the equipment model number or engine size.) Example: CLARK C89 = 112 828 089
113		CLUTCHES Clutch Type: 1=Pressure plate 2=Clutch Disc 3=Assembly Application Code Sequence Number Example: DUECO CA1239 = 113 1 870 01
114		POWER TAKE OFFS Application Code Sequence Number Example: CHELSE E118068 = 114 999 002

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<u>TYPE</u>	<u>SUBCODE</u>	<u>EXPLANATION</u>
116		CLAPSADDLES/CHAIN DRIVES Sequence Number Example: CLPSDL CHAINDRIVE = 116 000001
118		OTHER SYSTEM 51 COMPONENTS Application Code Sequence Number <i>This group applies to any other core for core system 51 components not covered by groups 110 through 117.</i> Example: FORD PUMPDRSHAFT = 118 860 001
120		DIFFERENTIALS Application Code Sequence Number (The sequence number is often the differential model number, the equipment model, or engine size.) Example: CHEVY 17221 = 120 870 221
123		POWER DIVIDERS Application Code Sequence Number (The sequence number is often the divider model number, the equipment model, or engine size.) Example: FORD SQHD = 123 860 001
125		TWO SPEED SHIFTERS Application Code Sequence Number (The sequence number is sometimes the shifter model number, the equipment model, or engine size.) Example: INTNTL 85376R91 = 125 870 001
128		OTHER SYSTEM 52 COMPONENTS Application Code Sequence Number <i>This group applies to any other core for core system 52 components not covered by groups 120 through 127.</i> Example: MORSE 8M = 128 999 008
129		SPARE TIRES/WHEELS Tire Size Example: SPARE 1000X20 = 129 100020

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<u>TYPE</u>	<u>SUBCODE</u>	<u>EXPLANATION</u>
130-133		TIRES
130		Rim diameter 0-9 inches
131		Rim diameter 10-19 inches
132		Rim diameter 20-29 inches
133		Rim Diameter 30-39 inches
		Rim Diameter – last digit of Type and first digit of Subcode are rim diameter in full inches. DOH Sequence Number – last three digits of old part number.
		Tread Type: 1=Regular 2=Mud and Snow 3=All Season 4=Rib 5=Smooth/Solid 6=Lug 7=Rock 8=Implement/Industrial
		Tire Ply divided by two
		Example: TIRE 131040198 = 13 16 198 1 4
138		TIRE FLAP
139		TUBES
		Type and Subcode are same as old tube Part Number.
		Example: 139100218 = 139 100218
140		CARBURETORS
		Application Code Sequence Number (The sequence number is often the same as the engine size.)
		Example: HOLLY R7350 = 140 860 391
142		DIESEL INJECTOR PUMPS
		Application Code Sequence Number (The sequence number is often the same as the engine size.)
		Example: FORD D7NN9A543CR = 142 860 256
143		DIESEL TRANSFER PUMPS
		Application Code Sequence Number (The sequence number is often the same as the engine size.)
		Example: CAT 3304TRPUMP = 143 824 304
144		DIESEL INJECTOR/NOZZLES

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		Application Code Sequence Number (The sequence number is often the same as the engine size.) Example: CUMINS BM32322 = 144 844 004
148		OTHER SYSTEM 41 COMPONENTS Application Code Sequence Number <i>This group applies to any other core for core system 41 components not covered by groups 140 through 147.</i>
150		STARTERS Application Code Sequence Number (The sequence number is sometimes the same as the engine size.) Example: CRYSLR 2095150 = 150 840 002
152		ALTERNATORS Application Code Sequence Number (The sequence number is sometimes the same as the engine size.) Example: PRESTO ANB7004 = 152 824 004
154		GENERATORS Application Code Sequence Number (The sequence number is sometimes the same as the engine size.) Example: PRESTO GDY41116 = 154 980 002
156		DISTRIBUTORS Application Code Sequence Number (The sequence number is sometimes the same as the engine size.) Example: INTNTL 323418C91 = 156 890 392
157		MAGNETOS Application Code Sequence Number (The sequence number is sometimes the same as the engine size.) Example: CAT 3S2987 = 157 824 001
158		OTHER SYSTEM 45 COMPONENTS Application Code Sequence Number

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<i>This group applies to any other core for core system 45 components not covered by groups 150 through 157.</i>		
159		BED TRAPS AND ACCESSORIES
160		HYDRAULIC PUMPS/MOTORS
		Application Code Sequence Number
		Example: AUWES PGF11098 = 160 828 098
162		HYDRAULIC RAMS/CYLINDERS
		Application Code Sequence Number
		Example: GALION SAG42000 = 162 868 004
164		HYDRAULIC VALVES
		Application Code Sequence Number
		Example: GALION SAG42000 = 164 868 004
166		HYDRAULIC CONTROL BOXES
		Application Code Sequence Number
		Example: JDEERE AT59275 = 166 898 001
167		HYDRAULIC SERVOS/ ACTUATORS
		Application Code Sequence Number
		Example: SWENSN SURVOVALVE = 167 034 001
168		OTHER SYSTEM 56 COMPONENTS
		Application Code Sequence Number
<i>This group applies to any other core for core system 56 components not covered by groups 160 through 167.</i>		
170		BRAKE BOOSTERS
		Application Code Sequence Number
		Example: MIDLND 374750 = 170 890 002
172		BRAKE CHAMBERS
		Application Code Sequence Number

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<u>TYPE</u>	<u>SUBCODE</u>	<u>EXPLANATION</u>
Example: MIDLND 3130051 = 172 880 030		
174		AIR COMPRESSORS
		Application Code Sequence Number
Example: MIDLND KN7000 = 174 870 001		
175		AIR BRAKE VALVES
		Application Code Sequence Number
Example: BENDIX 286171 = 175 286 171		
178		OTHER SYSTEM 55 COMPONENTS
		Application Code Sequence Number
<i>This group applies to any other core for core system 55 components not covered by groups 170 through 177.</i>		
180		AMERICAN EAGLE COMPRESSOR PARTS
191		RADIATORS
		Application Code Sequence Number
Example: GM 2096762 = 191 870 077		
193		WATER PUMPS
		Application Code Sequence Number
Example: FORD D8NN8501TC = 193 860 256		
198		OTHER SYSTEM 42 COMPONENTS
		Application Code Sequence Number
<i>This group applies to any other core for core system 42 components not covered by groups 190 through 197.</i>		
199		CANNIBLIZED PARTS
	0 0 0 0	System Code
300		FUEL PUMPS
		Application Code Sequence Number (The sequence number is often the same as the engine size.)

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<u>TYPE</u>	<u>SUBCODE</u>	<u>EXPLANATION</u>
		Example: AC 41216 = 300 880 350
301		GASBOY GAS PUMP PARTS
303		SOLENOID SWITCHES Application Code Voltage 1=6 volts 2=12 volts 3=18 volts 4=24 volts Sequence Number Example: STD SS566 = 303 980 2 01
304		VOLTAGE REGULATORS Application Code Voltage 1=6 volts 2=12 volts 3=18 volts 4=24 volts Sequence Number Example: CRYSLR 2098300 = 304 840 2 01
305		SWITCHES, UNIVERSAL Part Description Code Sequence Number Example: STD 5001 = 305 7150 01
306		IGNITION PARTS Application Code Component Type: 1= coils 2=condensers 3=dist. caps 4=elec. modules/pickups 5=plug wires 6=points 7=relays 8=rotors 9=other Sequence Number Example: KOHLER 230722 = 306 912 2 01
312		WIPER MOTORS Voltage Sequence Number Example: BOSCH WWA12408 = 312 12 0408
314		GUAGES/METERS/ALARMS/SENDING UNITS, UNIV. Instrument 1=gauge 2=meter 3=sending unit 4=alarm

0 0

Type:

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<u>TYPE</u>	<u>SUBCODE</u>	<u>EXPLANATION</u>
		1=oil/oil pressure 2=amperage 3=Fuel 4=temperature/heat 5=back-up 6=speed 7=mileage 8=time 9=other Sequence Number Example: DATCON 56181 = 314 2008 01
316		BRAKE SHOES/PADS/PARTS Application Code Component Type: 1=shoes 2=pads 3=rivets 4=rotors 5=cables 6=master cylinders 7= wheel cylinders 8= 9=other Sequence Number Example: RAYBST PGRD123 = 316 840 2 01
318		BRAKE DIAPHRAGMS Sequence Number Example: BENDIX 200728 = 318 200728
323		HOSE Hose Type: 11=shop air 12=jackhammer air 21=hydraulic 22=brake 31=wiper 32=paint 41=steam 51=gas pump 52=fuel line 61=heater 62=radiator 71=culvert cleaner 81=welding 91-98=other 99=univ./unknown Sequence Number (Usually diameter and length from Size Chart) Example: AROQIP 14X50HP = 323 41 3250
326		CONCRETE SAW BLADES Diameter in inches Blade Type: 1=abrasive 2=diamond, cured concrete 3=diamond, semi-cured, green and asphalt overlay 4=diamond, very green concrete Sequence Number

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<u>TYPE</u>	<u>SUBCODE</u>	<u>EXPLANATION</u>
Example" TARGET BLUE18 = 326 18 2 001		
328		LIGHT/MIRRORS/REFLECTORS
		General Description:
		033=Bee Hive/Bar Lights
		078=Mirrors
		080=Brackets
		102=Flush Mount Bed Lights
		107=Grommets
		127=Signal Lights
		217=Reflectors
		408=Tractor/Fog Lights
		420=License Plate Lights
		428=Stop and Tail Lights
		503=Pancake Lights
		541=Strobe Warning Lights
		603=Armored Clearance Lights
		775=Headlights, Universal
		838= Slow Mov. Vehicle Emblems
		875=Revolving Lights
		Voltage:
		1=6 volts
		2=12 volts
		3=18 volts
		4=24 volts
		5=over 24 volts
		6=not applicable
		Color Code:
		1=blue
		2=clear
		3=red
		4=yellow
		5=red/amber
		6=other
		7,8,9=not applicable
		Sequence Number
		Example: ARROW 128RA12 = 328 127 2 5 1
378-379		FREIGHTLINER PARTS
381		TARPAULINS
		Width – in feet
		Length – in feet
		Example: CRDNLS 7X12 = 381 007 012
382		BROOMS/UMBRELLAS
		Description:
		11=wire broom refill
		12=nylon broom refills
		13=broom cores
		21=umbrellas and accessories
		Sequence Number
		Example: NEWARK SF22376 = 382 12 1032

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<u>TYPE</u>	<u>SUBCODE</u>	<u>EXPLANATION</u>
384		UTILITY TOOLS/SUPPLIES Description: 001=gas cans 002=brushes 003=lights 004=wrenches 005= 006=putty knives 007=gas nozzles 020=grinding wheels 100=grease guns Sequence Number (The sequence number is sometimes the size or capacity.) Example: MIDSTC 50FTTROUBLIT = 384 003 050
385		SNOW PLOW BLADES/BITS/SHOES Description 1=blades 2=end bits 3=shoes 4=casters 5=teeth Application Code (For blades previously identified by dimensions, the application code is replaced by the thickness [see Size Chart] and width in inches.) Sequence Number (The sequence number is sometimes the blades length.) Example: FORD BB1MS0205 = 385 1 860 01 BUCYER 34X8X6BLADE = 385 1 48 8 06
386		PINTLE, HOOK
387		CARBUERATOR KITS Application Code Sequence Number Example: HYGRAD 674A = 387 840 007
401		FILTERS Filter Type: 010=Air 020=Oil 030=Fuel 040=Gas 050=Transmission 060=Hydraulic 061=Power Steering 070=Crankcase Breather 080=Water Coolant 090=PCV Valve 091=Emission Control Sequence Number (The sequence number is often the numeric portion of the old WVDOH [Hastings] Part Number.) Example: HASTNG AF145 = 401 010 145 NAPA 2098 = 401 010 145

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<u>TYPE</u>	<u>SUBCODE</u>	<u>EXPLANATION</u>
402		FILTER ACCESSORIES same as Type 401
510-519		BEARINGS (UNIVERSAL APPLICATIONS) Sequence Number Example: TIMKEN 53177 = 510 531770
520		SEALS (UNIVERSAL APPLICATIONS) Sequence Number Example: NATINL 481443 = 520 481443
601		MUFFLER CLAMPS, HANGERS/RAIN CAPS Description: 000=muffler clamps 100=rain caps 500=tail pipe hangers Pipe Diameter (See Size Chart) Example: DORMAN 212MUFLCLAMP = 601 000 232
602		HOSE & EMERGENCY PIPE CLAMPS Clamp Type: 0=hose 1=pipeline, emergency Size Number (hose) or Pipe Diameter Example: MURRY GS20 = 602 000020
603		WIPER BLADES/ARMS/REFILLS Description: 12=wiper blade refills 20,21,31=wiper blades 29=artic blades 41=wiper blades 59=heavy duty arctic blades Length: 01=Adjustable – short 02=Adjustable – medium 03=Adjustable – long 09 thru 20 = length in inches Example: ANCO 2115 = 603 002115
604		SPARK PLUGS See EXHIBIT 4.1 for numbering explanation Example: BOSCH WR8D = 604 5 3 08 4 0
605		AUTO WIRE/LOOM ETC.

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TYPE

SUBCODE

EXPLANATION

Description:

01=wire

02=loom

03=electrical tape

Wire Type:

00=not applicable

01=primary wire

02=starter cable

03=ignition wire

Gauge or MM Size (wire) or diameter (loom)

Example: STD 16GAWIRE = 605 01 01 16

606

WIRE TERMINALS

Terminal Type:

01=Closed End

03=Open End

05=Flat Blade Male

07=Flat Blade Female

09=Butt Splice

11=Lug

13=Battery

15=Spark Plug, straight

17=Spark Plug, 90 deg

19=Spark Plug, 135deg

21=Distributor

23=Spark Plug Boot

25=Distributor Boot

27=Coil Boot

29=Booster Cable Clip

31=Alligator Clip

33=Wire Hold Down

(Add 1 to Terminal Type For)

(Insulated Terminals)

91=Trailer Connector, male

92=Trailer Connector, female

Cable Gauge:

00=not applicable

01=18-22 gauge

02=14-16 gauge

03=10-12 gauge

04=8 gauge

05=6 gauge

06=4 gauge

07=2 gauge

08=

09=

10=0 gauge

20=00 gauge

30=000 gauge

40=0000 gauge

Stud Size:

0=not applicable

1=# 6

2=# 8

3=# 10

4=1/4"

5=3/8"

6=5/16"

7=1/2"

Sequence Number

Example: DELCO 74717480 = 606 30 0001

608

BULBS AND FLASHERS

Description:

01=Flashers

02=Automotive Bulbs

03=Colored Bulbs

04=Seal Beams

Industry Standard Part Number

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<u>TYPE</u>	<u>SUBCODE</u>	<u>EXPLANATION</u>
		(Used by GE, Wagner, AC, etc.)
		Example: GE 6014 = 608 04 6014
609		AUTOMOTATIVE FUSES
		01=AGA 02=AGC 03=AGU
		04=AGW 05=AGX 06=AGY
		07=ATO or ATC 08=GBC
		09=SFE 10=UK
		Amperage Rating (two decimal places)
		Example: BUSS SFE 712 = 609 09 0750
613		COPPER TUBING
	0 0 0 0	
		Outside Diameter (see Size Chart)
		Example: DORMAN 14COPTUB = 613 0000 16
614		THERMOSTAT
		Diameter (see Size Chart)
		Temperature
		Example: DELCO 1313 = 614 208 195
616		UNIVERSAL CONTROL CABLES
		Cable Type:
		001=Locking 002=Non-Locking
		Length (in feet)
		Example: DORMAN CC25 = 616 001 015
617		PAINTS/THINNERS/FILLERS
		Compound Type:
		01=Enamel 02=Floor Paint
		03=Spray Paint 04=Lacquer
		05=Other Paints
		10=Lacquer Thinner 11=Enamel Reducer
		19=Paint Additives 20=Primer/Undercoat
		25=Other Paint Products
		30=Body Filler 31=Fiberglass Filler
		Color:
		01=black 02=blue 03=yellow
		10=gray 11=tan 12=orange
		13=white 14=green 15=red
		21=chrome 22=aluminum
		Sequence Number
		Example: DUPONT YELLOWENAMEL = 617 01 03 01

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<u>TYPE</u>	<u>SUBCODE</u>	<u>EXPLANATION</u>
618		BODY SHOP SUPPLIES – SANDING PAPER
	0	Sanding Paper Type: 01=Sandpaper Sheets 02=Emery Cloth Sheets 03=Waterproof/Production Paper Sheets 04=Board Sander Sheets 05=Utility Sandpaper Rolls Grit Number or: 001=Fine 002=medium 003=coarse
618		BODY SHOP SUPPLIES- DISCS
		Disc Type: 06=Sanding 08=Grinding Diameter in Inches Grit
618		BODY SHOP SUPPLIES- POP RIVETS
	2 0	Rivet Composition: 1=All Aluminum 2=All Steel 3=Aluminum/Steel Head Type: 1=Large Head 4=Button Head 5=Countersunk Diameter: 4=1/8" 6=3/16" 8=1/4" Grip Range: 2=Up to 1/8" 4=1/8" to 1/4" 6=1/4" to 3/8" 8=3/8" to 1/2"
618		BODY SHOP SUPPLIES– MISCELLANEOUS
		Supply Type: 30=Masking Taper 31=Masking Paper 40=Tools 90=Miscellaneous Sequence Number [The sequence number is sometimes the width (masking tape and paper)] Examples: THREEM 120C = 618 03 0 120 THREEM 1473 = 618 06 0 080 MARSON AB62A = 618 20 1 4 6 2 THREEM 112MASKTAPE = 618 30 0 132
620		WELDING EQUIPMENT/SUPPLIES
		Supply Type: 00-04=Cutting Tips 05=Cutting Torches/Accessories 06=Welding Nozzles

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<u>TYPE</u>	<u>SUBCODE</u>	<u>EXPLANATION</u>
		10=Safety Equipment 15=Cable/Clamps/Holders 20=Electrodes/Rods Sequence Number Example: VICTOR OXYVTS450D = 620 05 0450
621		CABLE/CHAIN/FITTINGS Type of Hardware: 10=High Test Chain 11=Side Chain 12=Cross Chain 13=Proof Chain 14=Coil Chain 20=Grab Hook 21=Slip Hook 22=Cold Shut 40=Slide Chain Rep 41=Monkey Link Link 42=Cross Chain Hook 43=Tire Chain End Fastener 47=Chain Pliers 48=Tire Chain Adj 51=Load Binders 60=Wire Rope/Cable 61=Air Craft Cable 70=Wire Rope Clips 71=Cable Thimbles Sequence Number [The sequence number is sometimes the size or diameter (See Size Chart)] Example: MACWYT 12WIRECABLE = 621 60 0032
622		CROSS CHAINS 0 0 Industry Standard Part Number
622		TIRE CHAINS Tire Size Group Tire Type: 1=Passenger Car and Light Truck 2=Large Truck 3=Grader/Loader Chain Type: First Digit: 1=Single 2=Dual Triple 3=Off-the-Road Second Digit: 0=non-reinforced 1=V-bar Reinforced Examples: AMRCHN 6866 = 622 00 6866 AMRCHN 2841 = 622 126 2 1 1
624		HOSE FITTINGS Hose Type: see Type 323 – HOSE Sequence Number [The sequence number is sometimes the size or hose diameter (See Size Chart)] Example: PARKER H462 – 624 21 4032

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<u>TYPE</u>	<u>SUBCODE</u>	<u>EXPLANATION</u>
625		HYD COUPLINGS
626		HYD ADAPTERS
627		GREASE FITTINGS Diameter (See Size Chart) Thread Type 1=Pipe Thread (NPT) 2=Taper Thread-Reg 3=Taper Thread-Short 4=SAE Thread Angle (One decimal place) for buttonhead use: 777=short 888=long 999: x-long Example: LINCLN 163B = 627 16 2 450
630		STEEL PIPE Diameter (See Size Chart)
631		PIPE RUSHINGS Small Size X Large Size (See Size Chart)
632		PIPE REDUCERS Large Size X Small Size (See Size Chart)
633		PIPE NIPPLES Diameter X Length (See Size Chart)
635		OTHER PIPE FITTINGS Fitting Type: 1=cap 2=coupling 3=elbow 4=street ell 5=tee 6=union 7=plug 8=faucet 0=valve "0" or Valve Type: 1=Swing Check 2=Ball Check 3=Globe Pipe Diameter (See Size Chart) Examples: GRINEL 18X12BSHG = 631 008 032 GRINEL 38X14RED = 632 024 016 GRINEL 12X112NIP = 633 032 132 GRINEL 38TEE = 635 5 00024
640		TIRE PATCHES/WHEEL WEIGHTS Patch/Weight Type: 10=Hot Patch 11=Cold Patch 20=Truck Wheel Weights 21=Auto Wheel Weights Sequence Number (The sequence number may be the weight in ounces.

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<u>TYPE</u>	<u>SUBCODE</u>	<u>EXPLANATION</u>
Example: SNUGL 90Z = 640 20 0900		
641		CUTTER BITS
	0 0	Shank Diameter is 1/1000inches. 1=Asphalt 2=Concrete 9=Other
Example: CARMET CEC13 = 641 765 001		
642		DRILL BITS
	0 0 0	Bit Diameter (See Size Chart)
Example: CHAMPN 316 = 642 000 012		
643		HAND TAPS
	0	Bit Diameter (See Size Chart)
		Thread Type: 01=SAE(NF) 02=USS(NC)
Example: MORSE 14NC= 643 0 016 02		
644		ROCK DRILL BITS
	0 0 0	Bit Diameter (See Size Chart)
Example: TIMKEN 134ROCKBIT = 644 000 148		
646		GASKET MAKER
		Material Type: 001=Fast Dry/Hard Set 002=Non-Drying Pliable 003=Aviation Cement 006=Silicone
Example: PRMATX 6B = 646 006 000		
647		FLUIDS AND COMPOUNDS
		Fluid Type: 41=Fuel System Additives 42=Cooling System Fluids 45=Starting Fluids 47=Power Steering Fluids 55=Brake System Fluids 57=Windshield Fluids 61=Penetrants/Lubricants 66=Tire Lubricants/Compounds 71=Auto Polish/Cleaners 76=Housekeeping Compounds 77=Cleaners/Solvents 99=Miscellaneous

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<u>TYPE</u>	<u>SUBCODE</u>	<u>EXPLANATION</u>
		Sequence Number Example: DUPONT STOPLEAK = 647 42 0312
651		FILES/SAW BLADES Tool Type: 11=Flat Files 12=Half Round Files 13=Round Files 14=Triangular Files 15=Chain Saw Files 16=Point Files 19=Other Files 31=Hacksaw Blades 39=Other Saw Blades Sequence Number (The sequence number may be the length and/or number of teeth or diameter from Size Chart) Example: NICLSN 14FLAT = 651 11 0014
653		SOLDER Core Type: 01=Acid 02=Rosin Sequence Number Example: PERFPT ROSINCORE = 653 02 0001
659		MUD GUARDS/MATS Sequence Number Example: WVADOH MUDFLAP = 659 000001
660		CAPSCREWS – SAE 0 Diameter (See Size Chart) Length (See Size Chart) Example: ARMCO 516X134SAE = 660 20 0 148
661		CAPSCREW – USS 0 Diameter (See Size Chart) Length (See Size Chart) Example: ARMCO 716X214USS = 661 28 0 216
662		CAPSCREWS– GRADE 8 SAE 0 Diameter (See Size Chart) Length (See Size Chart) Example: LAMSON 716X234SAE = 662 28 0 248
663		CAPSCREWS– GRADE 8 USS 0 Diameter (See Size Chart) Length (See Size Chart)

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<u>TYPE</u>	<u>SUBCODE</u>	<u>EXPLANATION</u>
Example: LAMSON 34X112USS = 663 48 0 132		
664		NUTS
		Type of Nut: 01=SAE Hex Nuts 02=USS Hex Nuts 03=Square Nuts 04=High/Deep Nuts\ 11=SAE Grade 8 Nuts 12=USS Grade 8 Nuts 21=SAE Castellated Nuts 22=USS Castellated Nuts
	0	Diameter (See Size Chart)
Example: BTHIMS 38USSNUT = 664 02 0 024		
665		WASHERS
		Type of Washer: 06=Structural Flat 07=Lockwasher 16=Grade 8 Flat 17=Grade 8 Lock
	0	Diameter (See Size Chart)
Example: BTHLMS 516FLAT = 665 06 0 020		
667		COTTER PINS
		Diameter (See Size Chart)
	0	Length (See Size Chart)
Example: SMITH 316X112 = 667 12 0 132		
668		SHEET METAL SCREWS
		Diameter (See Size Chart)
	0	Length (See Size Chart)
669		STOVE BOLTS
		Diameter (See Size Chart)
	0	Length (See Size Chart)
Example: ARMCO 14X112STOVE = 669 16 0 132		
670		All Thread Rod
		Diameter (See Size Chart) Sequence Number
675		EXAPNSION SOFT PLUGS
	0	Plug Type

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<u>TYPE</u>	<u>SUBCODE</u>	<u>EXPLANATION</u>
		0=Steel 1=Brass Diameter (See Size Chart)
685		PLOW BOLTS Diameter (See Size Chart) 0 Length (See Size Chart) Example: BUCYER 58X2PLOW = 685 40 0 200
686		CARRIAGE BOLTS Diameter (See Size Chart) 0 Length (See Size Chart) Example: BUCYER 58X3CGE = 686 40 0 300
691		CB ANTENNA AND PARTS
700		FIRE EXINGUSIHERS/BRACKETS Size in Pounds 0=Extinguishers 1=Brackets Example: AMEREX 20LB = 700 02000 0
702		RADIO ROOM BOARDS AND CIRCUITS
703		POWER SUPPLIES RADIO ROOM
705		CAPACITOR TRANSISTORS RADIO ROOM
THRU 731		RADIO ROOM ALL
800		ALLIS CHALMERS PARTS Part Description Code Sequence Number Example: ALCHAL 70913 039 O-ring = 800 4415 02
803		AKER PARTS Part Description Code Sequence Number Example: AKER 5016 pin = 803 4655 01
804		AMC/JEEP PARTS Part Description Code Sequence Number
808		ASPLUNDH PARTS

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<u>TYPE</u>	<u>SUBCODE</u>	<u>EXPLANATION</u>
		Part Description Code Sequence Number
809		ATHEY LOADER PARTS
		Part Description Code Sequence Number
810		BRADGER PARTS
811-813		GRADALL PARTS
812		BANTMAN/GRADALL/KOEHRING PARTS
		Part Description Code Sequence Number
		Example: BANTAM 66128 Tube = 812 7545 02
816		BARBER GREENE PARTS
		Part Description Code Sequence Number
818		BIRMINGHAM TRAILER PARTS
		Part Description Code Sequence Number
820		CASE EQUIPMEN PARTS
		Part Description Code Sequence Number
		Example: CASE 22102 grommet = 820 2826 01
824		CATERPILLAR PARTS
		Part Description Code Sequence Number
		Example: CAT 9K7022 gasket = 824 2470 17
826		CAV INJECTION PARTS
		Part Description Code Sequence Number
827		CHAMPION GRADER
828		CLARK/AUSTIN WESTERN PARTS
		Part Description Code Sequence Number
		Example: CLARK 5211253 cap = 828 1070 04
832		CMI REPAIR PARTS

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<u>TYPE</u>	<u>SUBCODE</u>	<u>EXPLANATION</u>
		Part Description Code Sequence Number
836		CONTINENTAL ENGINE PARTS
		Part Description Code Sequence Number
838		CHICAGO PNEUMATIC PARTS
		Part Description Code Sequence Number
840		CHYSLER/PLYMOUTH/DODGE PARTS
		Part Description Code Sequence Number
		Example: SOUNDM 21891 muffler = 840 4215 01
844		CUMMINS ENGINE PARTS
		Part Description Code Sequence Number
		Example: CUMINS 68276 valve = 844 8055 07
848		CUSHMAN PARTS
		Part Description Code Sequence Number
852		DAVEY COMPRESSOR PARTS
		Part Description Code Sequence Number
855		ESSICK ROLLER PARTS
		Part Description Code Sequence Number
856		ETNYRE TAR DISRIBUTOR PARTS
		Part Description Code Sequence Number
858		FEDERAL TRUCK PARTS
		Part Description Code Sequence Number
859		FERGUSON ROLLER
860-861		FORD/FOMCO/DEARBORN PARTS
		Part Description Code Sequence Number

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<u>TYPE</u>	<u>SUBCODE</u>	<u>EXPLANATION</u>
		Example: FORD E3NN6306AA gear = 860 2610 03
862		FUEL MASTER
863		FRUEHAUF TRAILER PARTS Part Description Code Sequence Number
864		FWD PARTS Part Description Code Sequence Number
868		GALION PARTS Part Description Code Sequence Number Example: GALION D80343 seal = 868 6005 06
870		CHEVY DUMP TRUCK PARTS (C65 & C70) Part Description Sequence Number Example: GM 724513 skirt, fender = 870 6555 03
871		CHEVY ENGINE PARTS (366 CID) Part Description Code Sequence Number Example: GM 3860087 rod, push = 871 5795 02
872		CHEVY ENGINE PARTS (350 CID) Part Description Code Sequence Number Example: GM 329238 rod, push = 872 4865 01
873		TRANSMISSION PARTS (MODEL 542GL) Part Description Code Sequence Number Example: GM 3727185 fork = 873 2412 04
874		DIFFERENTIAL PARTS (MODEL 17221) Part Description Code Sequence Number Example: GM 3739162 shim = 874 6445 04
875		TWO SPEED SHIFTER REPAIR PARTS Part Description Code

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<u>TYPE</u>	<u>SUBCODE</u>	<u>EXPLANATION</u>
		Sequence Number
		Example: GM 2279003 drive, screw = 875 1962 01
876		GM/ALLISON PARTS
		Part Description Code Sequence Number
878		DETRIOR DIESEL PARTS
		Part Description Code Sequence Number
		Example: GM 5148475 arm, rocker = 878 0145 06
879		TOP KICK PARTS
880		ALL OTHER GM PARTS
		Part Description Code Sequence Number
		All GM parts which are not specifically covered by types 870-879 should be found in type 880.
881		GRAVELY MOWER PARTS
		Part Description Code Sequence Number
882		HERCULES ENGINE PARTS
		Part Description Code Sequence Number
883		HOBART WELDER PARTS
		Part Description Code Sequence Number
884		HOMELITE/JACOBSEN PARTS
		Part Description Code Sequence Number
885		HOTSY CLEANER PARTS
		Part Description Code Sequence Number
886		HYUNDAI PARTS HOUGH PARTS
		Part Description Code Sequence Number
887		HENDERSON PARTS
888		LUIGONG PARTS

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<u>TYPE</u>	<u>SUBCODE</u>	<u>EXPLANATION</u>
		INGRAM PARTS
		Part Description Code Sequence Number
889		INTERNATIONAL
890		INTERNATIONAL/NAVISTAR PARTS
		Part Description Code Sequence Number
891		INTERNATIONAL ENGINE PARTS (345 & 392 CID)
		Part Description Code Sequence Number
893		HINO PARTS
894		J. C. B. PARTS
		Part Description Code Sequence Number
898		JOHN DEERE PARTS
		Part Description Code Sequence Number
902		JOY AIR COMPRESSOR PARTS
		Part Description Code Sequence Number
906		KELLY CRESWELL PARTS
		Part Description Code Sequence Number
910		KENT PNEUMATIC PARTS
		Part Description Code Sequence Number
912		KOHLER ENGINE PARTS
		Part Description Code Sequence Number
913		LAURENTIDE SNOW BLOWER PARTS
		Part Description Code Sequence Number
914		LE ROI COMPRESSOR PARTS
		Part Description Code Sequence Number

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<u>TYPE</u>	<u>SUBCODE</u>	<u>EXPLANATION</u>
918		LITTLE GIANT BROOM PARTS Part Description Code Sequence Number
922		MALSBARY CLEANER PARTS Part Description Code Sequence Number
926		MCCULLOUGH CHAIN SAW PARTS Part Description Code Sequence Number
930		MICHIGAN PARTS Part Description Code Sequence Number
934		MILLER TRAILER PARTS Part Description Code Sequence Number
938		MOTRIM MOWER PARTS Part Description Code Sequence Number
940		MOTT MOWER PARTS Part Description Code Sequence Number
944		MYERS CULVERT CLEANER PARTS Part Description Code Sequence Number
948		ONAN PARTS Part Description Code Sequence Number
952		PERKINS ENGINE PARTS Part Description Code Sequence Number
956		POWER KING PARTS Part Description Code Sequence Number
958		REO PARTS Part Description Code Sequence Number

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<u>TYPE</u>	<u>SUBCODE</u>	<u>EXPLANATION</u>
960		ROOSAMASTER INJECTION PARTS Part Description Code Sequence Number
962		STINGER PARTS Part Description Code Sequence Number
964		SULLAIR COMPRESSOR PARTS Part Description Code Sequence Number
965		TENNANT SWEEPER PARTS Part Description Code Sequence Number
966		TERRAIN KING MOWER PARTS Part Description Code Sequence Number
967		TOPEKA MOWER PARTS Part Description Code Sequence Number
968		TROJAN PARTS Part Description Code Sequence Number
972		UNIMOG PARTS Part Description Code Sequence Number
975		VALK PARTS Part Description Code Sequence Number
977		WAUKESHA ENGINE PARTS Part Description Code Sequence Number
980		WISCONSIN ENGINE PARTS Part Description Code Sequence Number
982		WOODCHUCK CHIPPER PARTS Part Description Code Sequence Number

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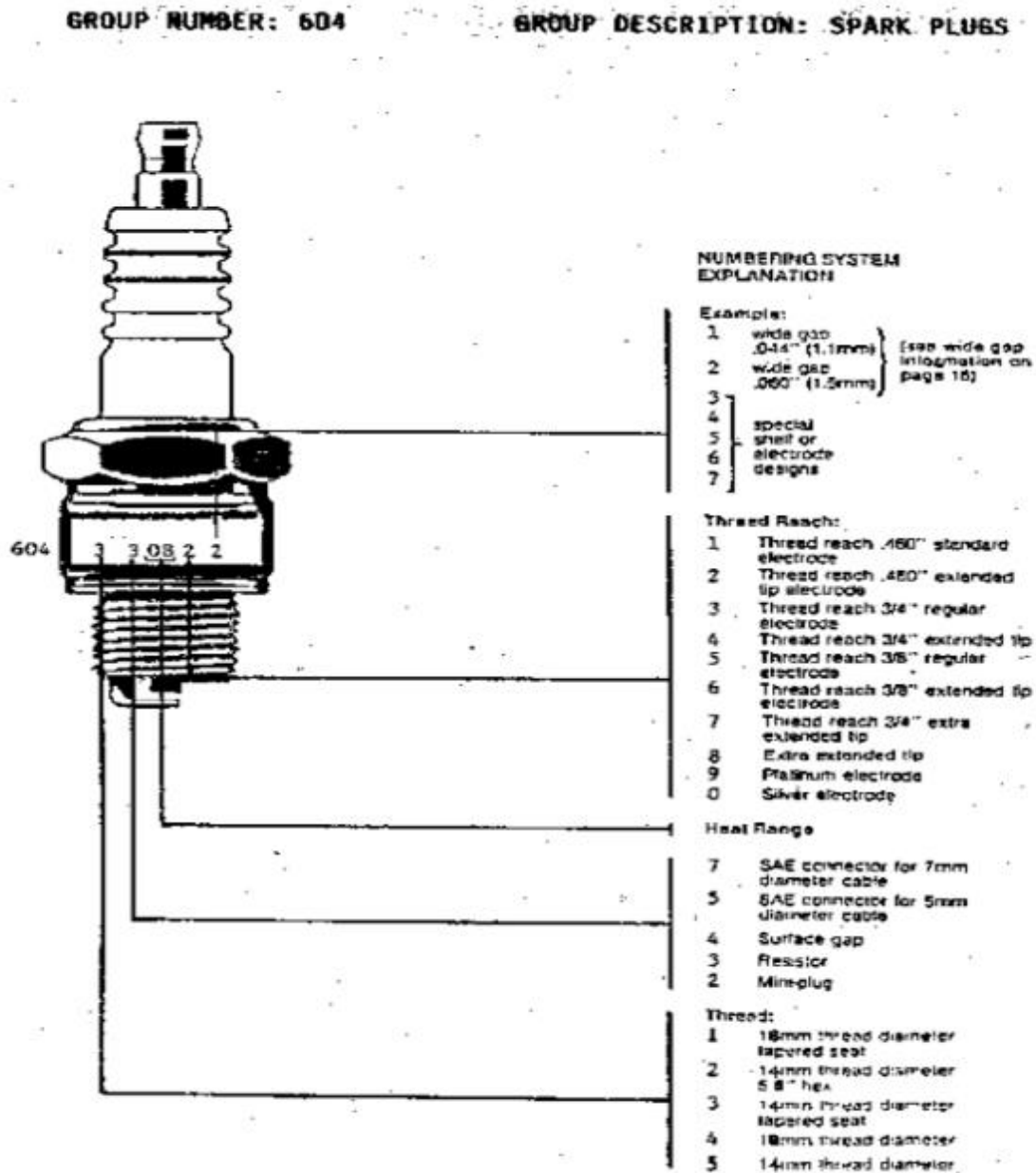
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4.0 EXHIBITS

4.1 Spark Plug Numbering System Group Number: 604 Group Description



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5.0 CHANGE LOG

December 5, 2022 –

- Reformatted.
- Removed obsolete parts codes and added new ones.

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Approved by:



Jimmy D. Wriston, P.E.
Secretary of
Transportation
Commissioner of
Highways



Date

*The Secretary of the West Virginia Department of Transportation or the Commissioner of Highways may, pursuant to the authority vested with the Secretary and Commissioner in W. Va. Code §5F-2-2, §17-2A-1 *et seq.*, and §17-2-1 *et seq.*, waive the requirements of this policy if the circumstances, in the Secretary or Commissioner's sole discretion, warrant such action.