



TOOL LISTS

Between

**The Corporation of
The City of Calgary**

and

**Canadian Union of
Public Employees**

Local 37

2018 - 2021

Note: Please refer to Clause 5.29 Tools, in the CUPE Local 37 Collective Agreement which outlines all terms and conditions for the tool lists.

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BASIC TOOLS – Automotive Mechanics, Small Motor Mechanics and related Apprentices

AGI PART NUMBER	DESCRIPTION	QUANTITY
TOOL BOXES		
BCH 92-612	Tool box 12 drawer HD with tray-locking (or equivalent)	1
BCH 92-712	Roller cabinet 12 drawer HD locking (or equivalent)	1
HAMMERS		
WSW 9116M	Hammer 16oz ballpein	1
WSW 9124M	Hammer 24oz ballpein	1
WSW 9132M	Hammer 32oz ballpein	1
WSW T720	Hammer soft face	1
	Rubber mallet	1
PUNCHES & CHISELS		
WSW HC1	Punch holder	1
WSW WC34	Center punch	1
WSW WC8385	Aligning punch 16" long	1
WSW WC8386	Aligning punch 12" long	1
WSW WC40	Taper drift punch 1/8"x10" long	1
PRT 96-3/8	Taper drift punch 3/8"x10" long	1
PRT 47-1/4X1/16	Pin punch 1/16"x4-1/4" long	1
WSW WC28	Pin punch 1/8"x5-1/4" long	1
WSW WC30	Pin punch 1/4"x6-1/2" long	1
WSW WC1	Cold chisel 3/8"x5-1/2" long	1
WSW WC2	Cold chisel 1/2"x6-1/4" long	1
WSW WC5	Cold chisel 7/8"x8" long	1
PLIERS		
PRT 380	Combination retaining ring pliers (internal & external)	1
WSW SJ605V	Diagonal cutting pliers 7"	1
WSW 500-8	Slip joint pliers 7"	1
WSW SJ606V	Needlenose pliers 6-1/2"	1
WSW SJ607V	Needlenose pliers 8-1/2"	1
WSW 510-10	Waterpump pliers 9"	1

AGI PART NUMBER	DESCRIPTION	QUANTITY
092 932 484	Waterpump pliers 12" Craftsman	1
092 932 486	Waterpump pliers 16" Craftsman	1
KDT 61073	Brake service tool kit (3 piece)	1
WSW A2	Wire stripping/crimping pliers 8"	1
WSW TS10Y	Tin snips	1
WSW 500-10	Slip joint pliers 10"	1
PTR 9LN	Flat nose lock ring pliers 8"	1
KD 3252	Hose clamp pliers	1
SCREWDRIVERS		
WSW SDR701	Standard screwdriver 1/4x4"	1
WSW SDR702	Standard screwdriver 1/4x6"	1
WSW SDR705	Standard screwdriver 3/8x10"	1
WSW SDE724	Electrician screwdriver 3/16x10"	1
092 932 333	Craftsman extra long screwdriver set 3 piece	1
WSW SDT10	T10 Torx screwdriver	1
WSW SDT15	T15 Torx screwdriver	1
WSW SDT20	T20 Torx screwdriver	1
PRT 88527	T27 Torx screwdriver	1
WSW SDP740	#1 Philips screwdriver	1
WSW SDP742	#2 Philips screwdriver	1
WSW SDP743	#3 Philips screwdriver	1
WSW SDP741	#2 Philips stubby screwdriver	1
WSW SDR101	#1 Robertson screwdriver	1
WSW SDR102	#2 Robertson screwdriver	1
WSW SDR103	#3 Robertson screwdriver	1
PLR2 Stubby	#2 Robertson stubby screwdriver	1
COMBINATION WRENCHES		
WSW CWK14R	Combination wrench set 14 piece 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1 1/16", 1 1/8", 1-1/4"	1
WSW CMK16R	Combination wrench set 16 piece 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 24mm.	1

AGI PART NUMBER	DESCRIPTION	QUANTITY
OPEN END WRENCHES		
PRT 3100B	Open end wrench set 7 piece 1/4X5/16", 3/8X7/16", 1/2X9/16", 5/8X11/16", 3/4X7/8", 15/16X1", 1 1/8X1 1/4".	1
PRT 30000A	Open end wrench set 7 piece 6X8mm, 7X9mm, 10X11mm, 12X14mm, 13X15mm, 16X18mm, 17X19mm, 21X24mm	1
RATCHET WRENCHES		
KD 9308	Combination gear wrenches 8 piece Std. 5/16 - 3/4"	1
KD 9309	Combination gear wrenches - 13/16 - 1"	1
KD 9412	Combination gear wrenches - Metric 8 - 19 mm	1
3/8" DRIVE SOCKET SET		
WSW SK3820	3/8" drive socket set 20 pieces as follows: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4" and 13/16" standard and deep sockets, reversible ratchet, flex handle, 3" extension, universal joint	1
WSW SS3864	5/16" standard socket	1
WSW MSK3814	3/8" drive metric socket set 22 piece includes 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm,	1
WSW DMK3814	17mm, 18mm and 19mm metric std. and deep sockets	1
WSW SKU38608	3/8" drive metric flex socket set 10mm, 11mm, 12mm, 13mm, 14mm, 15 mm, 17mm and 19mm	1
WSW MSU38610	3/8" Std flex socket set 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", and 3/4"	1
WSW SA386	6" Extension	1
WSW SA3810	10" Extension	1
WSW SKT20	Socket set Torqs 20-piece set, T10, T15, T20, T27, T30, T40, T45, T50, T55 and T60 bits and E4, E5, E6, E7, E8, E10, E12, E14, E16 and E18 sockets	1
1/4" DRIVE SOCKET SET		
WSW SKC1442	1/4" drive socket set 41-piece shallow/deep, metric/std. 4mm, 5.0mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm shallow and deep sockets 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", and 1/2" standard sockets, shallow and deep reversible ratchet	1
WSW SA142	2" Extension	1

AGI PART NUMBER	DESCRIPTION	QUANTITY
WSW SA146	6" Extension	1
WSW SA1401	Flex handle	1
WSW SA1402	Universal joint	1
WSW SDH1412	Socket driver handle	1
½" DRIVE SOCKET SET		
WSW M3022	1/2" drive socket set 20 piece Std. 7/16" to 1-1/4" standard sockets, reversible ratchet, flex handle, universal joint, 5" extension, 10" extension 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1 1/16", 1 1/8", 1 1/4" deep.	1
WSW DMK12612	Deep metric socket set - 12 piece 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 24mm, 27mm	1
WSW DSK12612	Socket set deep Impact 6 pt. 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1 1/16", 1 1/8"	1
	Impact standard socket set 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1 1/16", 1 1/8", 1 ¼"	1
	Impact metric socket set 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 24mm, 27mm	1
	Deep impact metric socket set - 12 piece 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 24mm, 27mm	1
WSW SA122	2" extension - 1/2-inch drive	1
WSW SA1238	Adaptor ½"F to 3/8"M	1
WSW SA1234	Adaptor ½"F to 3/4"M	1
092 842 432	Craftsman ½ " universal joint	1
092 842 361	Craftsman ½ " Dr. 5" extension	1
	Craftsman ½ " Dr. 10" extension	1
ASSORTED TOOLS		
PRT 000D	Gauge feeler ignition set - 10 piece	1
PRT 000AA	Gauge feeler master set 25 piece	1
WSW AW6	6" adjustable wrench	1
WSW AW10	10" adjustable wrench	1
WSW AW15	15" adjustable wrench	1
PTR 7WR	7" Vise grip curved/straight jaw locking pliers	1

AGI PART NUMBER	DESCRIPTION	QUANTITY
PTR 10WR	10" Vise grip curved/straight jaw locking pliers	1
WSW PW8	8" pipe wrench	1
WSW PW14	14" pipe wrench	1
TFY 3296	Insulated spark plug boot pliers	1
WSW A4	Gasket scraper tool	1
WSW TIC0605	Circuit tester	1
WSW 20W	Hacksaw frame	1
WSW 400	Battery post cleaner	1
WSW PBK4	Pry bar kit 4 piece	1
LFK 1035CME	Tape measure 16'	1
WSW A7	Cotter pin puller	1
BHS 20199	Hex key wrench set - metric/standard	1
WSW PTM24	Magnetic pick up tool	1
PRT 2373	Inspection mirror	1
PRT 2345	Flexible retrieving tool	1
OLF SCS2	Scissors - serrated edge - 7 inch	1
WSW TWA12	Torque wrench 1/2-inch drive	1
PRT 6062F	Torque wrench 1/4-inch drive	1
OTC 7312	O-ring pick set	1
ATD 5544	Digital multimeter	1
ARN 25-7222	Universal trim tool	1
ATD 1090	MTD standard crowfoot set 3/8 - 1"	1
ATD 1190	MTD metric crowfoot set 9 - 19 mm	1
SK 386	SK flare nut wrench set Std. 1/4 - 7/8"	1
SK 378	SK flare nut wrench set metric 9 - 21 mm	1
ATD 7024	Disk brake pad and caliper service kit MTD	1
CNP CP734H	1/2 " impact wrench	1
GNF 1800-99999	Drill bit set - 29 pieces 1/16" to 1/2" in 64 th increments	1

BASIC TOOL REQUIREMENTS – Millwrights and related Apprentices – Wastewater Treatment

AGI PART NUMBER	DESCRIPTION	QUANTITY
TOOL BOXES		
BCH 92-612	Tool box 6 drawer HD with tray-locking (or equivalent)	1
BCH 92-712	Roller cabinet 3 drawer HD locking (or equivalent)	1
HAMMERS		
WSW 9116M	Hammer 16oz ballpein	1
WSW 9124M	Hammer 24oz ballpein	1
WSW 9132M	Hammer 32oz ballpein	1
PUNCHES & CHISELS		
WSW HC1	Punch holder	1
WSW WC34	Center punch	1
WSW WC8385	Aligning punch 16" long	1
WSW WC8386	Aligning punch 12" long	1
WSW WC40	Taper drift punch 1/8"x10" long	1
PRT 96-3/8	Taper drift punch 3/8"x10" long	1
PRT 47-1/4X1/16	Pin punch 1/16"x4-1/4" long	1
WSW WC28	Pin punch 1/8"x5-1/4" long	1
WSW WC30	Pin punch 1/4"x6-1/2" long	1
WSW WC1	Cold chisel 3/8"x5-1/2" long	1
WSW WC2	Cold chisel 1/2"x6-1/4" long	1
WSW WC5	Cold chisel 7/8"x8" long	1
PLIERS		
PRT 380	Combination retaining ring pliers (internal & external)	1
WSW SJ605V	Diagonal cutting pliers 7"	1
WSW SJ606V	Needlenose pliers 6-1/2"	1
WSW 510-10	Waterpump pliers 9"	1
WSW TS10Y	Tin snips	1
WSW 500-10	Slip joint pliers 10"	1
PTR 9LN	Flat nose lock ring pliers 8"	1

AGI PART NUMBER	DESCRIPTION	QUANTITY
SCREWDRIVERS		
WSW SDR701	Standard screwdriver 1/4x4"	1
WSW SDR702	Standard screwdriver 1/4x6"	1
WSW SDR705	Standard screwdriver 3/8x10"	1
WSW SDP740	#1 Philips screwdriver	1
WSW SDP742	#2 Philips screwdriver	1
WSW SDP743	#3 Philips screwdriver	1
COMBINATION WRENCHES		
WSW CWK14R	Combination wrench set 14 piece 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1 1/16", 1 1/8", 1 1/4".	1
WSW CW301	Combination wrench - 1 5/16"	1
WSW CMK16R	Combination wrench set 16 piece 7mm - 24 mm	1
Sub Total	SUB-TOTAL	3
3/8" DRIVE SOCKET SET		
WSW SK3820	3/8" drive socket set 20 piece as follows	1
	3/8" - 7/8" standard and deep sockets	
WSW SS3864	5/16" standard socket	1
	Reversible ratchet, flex handle, 3" extension, Universal joint	
WSW MSK3814	3/8" drive metric socket set 22 piece includes 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm,	1
WSW DMK3814	and 19mm metric standard and deep sockets	1
WSW SA386	6" Extension	1
WSW SA3810	10" Extension	1
1/2" DRIVE SOCKET SET		
WSW M3022	1/2" drive socket set 20 piece Std. 7/16" to 1-1/4" standard sockets, reversible ratchet, flex handle universal joint, 5" extension, 10" extension	1
	Standard metric socket set 13 piece 12 - 27 mm	1
WSW DMK12612	Deep metric socket set - 13 piece 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 24mm, 27mm	1

AGI PART NUMBER	DESCRIPTION	QUANTITY
WSW DSK12612	Socket set deep 6 pt. 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1 1/16", 1 1/8"	1
WSW SA122	2" extension	1
WSW SA1238	Adaptor 1/2"F to 3/8"M	1
WSW SA1234	Adaptor 1/2"F to 3/4"M	1
	Scribe - 6"	1
PRT 000AA	Gauge feeler master set 25 piece	1
WSW AW6	6" adjustable wrench	1
WSW AW10	10" adjustable wrench	1
WSW AW15	15" adjustable wrench	1
PTR 10WR	10" Vise grip curved/straight jaw locking pliers	1
WSW PW8	8" pipe wrench	1
WSW PW14	14 " pipe wrench	2
WSW A4	Gasket scraper tool	1
WSW 20W	Hacksaw frame	1
WSW PBK4	Pry bar kit 4 piece	1
LFK 1035CME	Tape measure 16'	1
BHS 20199	Hex key wrench set - metric/standard	1
WSW PTM24	Magnetic pick up tool	1
PRT 2373	Inspection mirror	1
OLF SCS2	Torque wrench - 1/2 " drive	1
OLF SCS2	Scissors - serrated edge - 7 inch	1
MTT 531-128	6" Vernier caliper	1
WSW A20	6" Steel ruler	1
PTR – 20R	20" Chain wrench	1
Starrett	Inside/Outside Divider/Calipers - 8"	1
Starrett	Dial indicator and magnetic base	1
Starrett	Micrometer - 0 - 1 inch	1
Starrett	Micrometer - 1 - 2 Inch set	1
Starrett	Thread pitch gauges set (Standard/Metric)	1
STT 46-123	Combination square	1

AGI PART NUMBER	DESCRIPTION	QUANTITY
GNF 1800- 99999	Drill bit set - 29 pieces 1/16" - 1/2" in 64th increments	1
	SUB-TOTALS	28

BASIC TOOL REQUIREMENTS – Millwrights and related Apprentices – Water Treatment and Other Millwrights not covered by Clause 5.29 (I)

AGI PART NUMBER	DESCRIPTION	QUANTITY
TOOL BOXES		
BCH 92-612	Tool box 6 drawer HD with tray-locking (or equivalent)	1
BCH 92-712	Roller cabinet 3 drawer HD locking (or equivalent)	1
HAMMERS		
WSW 9116M	Hammer 16oz ballpein	1
WSW 9124M	Hammer 24oz ballpein	1
WSW 9132M	Hammer 32oz ballpein	1
WSW T720	Hammer soft face	1
PUNCHES & CHISELS		
WSW HC1	Punch holder	1
WSW WC34	Center punch	1
WSW WC8385	Aligning punch 16" long	1
WSW WC8386	Aligning punch 12" long	1
WSW WC40	Taper drift punch 1/8"x10" long	1
PRT 96-3/8	Taper drift punch 3/8"x10" long	1
PRT 47-1/4X1/16	Pin punch 1/16"x4-1/4" long	1
WSW WC28	Pin punch 1/8"x5-1/4" long	1
WSW WC30	Pin punch 1/4"x6-1/2" long	1
WSW WC1	Cold chisel 3/8"x5-1/2" long	1
WSW WC2	Cold chisel 1/2"x6-1/4" long	1
WSW WC5	Cold chisel 7/8"x8" long	1
PLIERS		
PRT 380	Combination retaining ring pliers (internal & external)	1
WSW SJ605V	Diagonal cutting pliers 7"	1
WSW 500-8	Slip joint pliers 7"	1
WSW SJ606V	Needlenose pliers 6-1/2"	1
WSW SJ607V	Needlenose pliers 8-1/2"	1
WSW 510-10	Waterpump pliers 9"	1

AGI PART NUMBER	DESCRIPTION	QUANTITY
WSW A2	Wire stripping/crimping pliers 8"	1
WSW TS10Y	Tin snips	1
WSW 500-10	Slip joint pliers 10"	1
PTR 9LN	Flat nose lock ring pliers 8"	1
SCREWDRIVERS		
WSW SDR701	Standard screwdriver 1/4x4"	1
WSW SDR702	Standard screwdriver 1/4x6"	1
WSW SDR705	Standard screwdriver 3/8x10"	1
WSW SDE724	Electrician screwdriver 3/16x10"	1
WSW SDT10	T10 Torx screwdriver	1
WSW SDT15	T15 Torx screwdriver	1
WSW SDT20	T20 Torx screwdriver	1
PRT 88527	T27 Torx screwdriver	1
WSW SDP740	#1 Philips screwdriver	1
WSW SDP742	#2 Philips screwdriver	1
WSW SDP743	#3 Philips screwdriver	1
WSW SDP741	#2 Philips stubby screwdriver	1
COMBINATION WRENCHES		
WSW CWK14R	Combination wrench set 8 piece 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"	1
WSW CMK16R	Combination wrench set 13 piece 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm.	1
3/8" DRIVE SOCKET SET		
WSW SK3820	3/8" drive socket set 20 piece as follows 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4" and 13/16" standard and deep sockets Reversible ratchet, flex handle, 3" extension, universal joint	1
WSW SS3864	5/16" standard socket	1
WSW MSK3814	3/8" drive metric socket set 22 piece includes 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm,	1

AGI PART NUMBER	DESCRIPTION	QUANTITY
WSW DMK3814	and 19mm metric standard and deep sockets	1
WSW SA386	6" Extension	1
WSW SA3810	10" Extension	1
1/2" DRIVE SOCKET SET		
WSW M3022	1/2" drive socket set 20-piece Std. 7/16" to 1-1/4" standard sockets, reversible ratchet, flex handle universal joint, 5" extension, 10" extension	1
WSW SMK12612	Standard metric socket set - 12 piece 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 24mm, 27mm	1
WSW DMK12612	Deep metric socket set - 12 piece 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 24mm, 27mm	1
WSW DSK12612	Socket set deep 6 pt. 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1 1/16", 1 1/8"	1
WSW SA122	2" extension	1
WSW SA1238	Adaptor 1/2"F to 3/8"M	1
WSW SA1234	Adaptor 1/2"F to 3/4"M	1
3/4" DRIVE SOCKET SET		
	PRT 55104 3/4" drive socket set - 29 piece as follows 7/8 - 2 3/8" standard sockets, reversible ratchet, u-joint, 5" extension, 8" extension, 16" extension, flex handle 7/8", 15/16", 1", 1 1/16", 1 1/8", 1 1/4", 1 5/16", 1 3/8", 1 7/16", 1 1/2", 1 5/8", 1 11/16", 1 3/4", 1 13/16", 1 7/8", 1 15/16", 2", 2 1/16", 2 1/8", 2 1/4", 2 5/16", 2 3/8"	1
WSW MSK3417	3/4" drive metric socket set 17 piece as follows 17mm, 19mm, 20mm, 21mm, 22mm, 24mm, 27mm, 29mm, 30mm, 32mm, 34mm, 35mm, 36mm, 38mm, 41mm, 46mm, 50mm	1
PRT 5528M	28 mm standard socket	1
PRT 5542M	42 mm standard socket	1
PRT 5554M	54 mm standard socket	1
PRT 5555M	55 mm standard socket	1
PRT 5558M	58 mm standard socket	1

AGI PART NUMBER	DESCRIPTION	QUANTITY
PRT 5560M	60 mm standard socket	1
ASSORTED TOOLS		
PRT 000AA	Gauge feeler master set 25 piece	1
WSW AW6	6" adjustable wrench	1
WSW AW15	15" adjustable wrench	1
PTR 7WR	7" Vise grip curved/straight jaw locking pliers	1
PTR 10WR	10" Vise grip curved/straight jaw locking pliers	1
WSW PW8	8" pipe wrench	1
WSW A4	Gasket scraper tool	1
WSW 20W	Hacksaw frame	1
WSW PBK4	Pry bar kit 4 piece	1
LFK 1035CME	Tape measure 16'	1
BHS 20199	Hex key wrench set - metric/standard	1
WSW PTM24	Magnetic pick up tool	1
PRT 2373	Inspection mirror	1
PRT 2345	Flexible retrieving tool	1
OLF SCS2	Scissors - serrated edge - 7 inch	1
MTT 531-128	6" Vernier caliper	1
WSW A20	6" Steel ruler	1
Starrett	Dial indicator and magnetic base	1
Starrett	Micrometer - 0 - 1 inch	1
Starrett	Micrometer - 2 - 6 Inch set	1
Starrett	Telescopic gauge set 6 piece 5/16 - 6"	1
Starrett	Thread pitch gauges set	1
Craftsman	12" cast iron combination square	1
	SUB-TOTALS	23

BASIC TOOL REQUIREMENTS – Welders and related Apprentices

AGI PART NUMBER	DESCRIPTION	QUANTITY
STT 46-825	BEVEL ANGLE FINDER	1
IRW 64110	CHALK LINE 100'	1
BES 1200S12	CLAMP 12" BESSEY	4
BLD DW235G	Drill - 1/2"	1
GNF 1899-21118	DRILL BIT SET 1/16" - 1/2" - 1/64" GRADUATIONS	1
MKT 9015DBZ	GRINDER ANGLE 5"	1
GAR BSH30016FG	HAMMER BLACKSMITH FIBREGLASS HANDLE	1
ATW H	HAMMER CHIPPING	1
OLF L1	KNIFE OLFA	1
STT 42-244	LEVEL 24"	1
STT 42-465	LEVEL TORPEDO ALUMINUM MAGNETIC	1
WSW 500-8	PLIER 8" SLIP JOINT	1
WSW SJ603V	PLIER SIDE & END DIAGONAL	1
PTR 10R	PLIER VISE GRIP STRAIGHT JAW 10"	2
PTR 9R	PLIER VISE GRIP U-SHAPED JAW	2
PTR 18R	PLIERS VISE GRIP C-CLAMP	2
PTR 11R	PLIERS VISE GRIP C-CLAMP W/SWIVEL PADS	4
WSW PB1	PRY BAR 24-1/4"	1
WSW WPC7R	PUNCH AND CHISEL SET 7 PCE	1
WSW SDK12	SCREWDRIVER SET 12 PCE	1
GTL 88CM	SCRIBE MAGNETIC END 6"	1
STT 45-910	SQUARE 24" RAFTERS STEEL	1
STT 46-123	SQUARE COMBINATION	1
SHT 5001	STRIKERS OXY & ACC	1
LFKHV1316	TAPE MEASURE 16'	1
WSW B803	TOOL BOX - ROLLER CABINET 5 DRAWER	1
WSW B899	TOOL BOX - TOP BOX 9 DRAWER	1
UNW TCS	TIP SAVERS	1

WSW AG12	WRENCH ADJUSTABLE 12IN	1
WSW AG8	WRENCH ADJUSTABLE 8IN	1
WSW HKF9	WRENCH ALLEN KEY HEX SET 9PCE FOLDING	1
WSW HKF9M	WRENCH ALLEN KEY HEX SET 9PCE FOLDING METRIC	1
RDG 31020	WRENCH PIPE 14" STEEL	1
WSW CRK16	WRENCH SET COMBO 16PCE	1

BASIC TOOL REQUIREMENTS – Heavy Duty Mechanics and related Apprentices

AGI NUMBER	PART	DESCRIPTION	QUANTITY
TOOL BOXES			
BCH 92-612		Tool box 12 drawer with tray-locking (or Equivalent)	1
BCH 92-519		Tote box with tray	1
BCH 92-712		Roller cabinet	1
HAMMERS			
WSW 9116M		Hammer 16oz ballpein (Set of 3 as listed)	1
WSW 9124M		Hammer 24oz ballpein	1
WSW 9132M		Hammer 32oz ballpein	1
WSW T720		Hammer soft face with replaceable tips (or equivalent)	1
PUNCHES & CHISELS			
WSW HC1		Punch holder	1
WSW WC34		Center punch	1
WSW WC8385		Aligning punch 16" long	1
WSW WC8386		Aligning punch 12" long	1
WSW WC40		Taper drift punch 1/8"x10" long	1
PRT 96-3/8		Taper drift punch 3/8"x10" long	1
PRT 47-1/4X1/16		Pin punch 1/16"x4-1/4" long	1
WSW WC28		Pin punch 1/8"x5-1/4" long	1
WSW WC30		Pin punch 1/4"x6-1/2" long	1
WSW WC1		Cold chisel 3/8"x5-1/2" long	1
WSW WC2		Cold chisel 1/2"x6-1/4" long	1
WSW WC5		Cold chisel 7/8"x8" long	1
PLIERS			
PRT 380		Combination retaining ring pliers (internal & external)	1
WSW SJ605V		Diagonal cutting pliers 7"	1
WSW SJ603V		Diagonal cutting pliers 4-1/2"	1
WSW 500-8		Slip joint pliers 7"	1
WSW SJ606V		Needlenose pliers 6-1/2"	1

AGI NUMBER	PART	DESCRIPTION	QUANTITY
WSW 510-10		Waterpump pliers 9"	1
TFY 1103		Brake spring pliers 12"	1
WSW A2		Wire stripping/crimping pliers 8"	1
WSW TS10SY		Tin snips	1
WSW 500-10		Slip joint pliers 10"	1
PTR 9LN		Flat nose locking pliers 8"	1
SCREWDRIVERS			
WSW SDR701		Standard screwdriver 1/4x4"	1
WSW SDR702		Standard screwdriver 1/4x6"	1
WSW SDR705		Standard screwdriver 3/8x10"	1
WSW SDE724		Electrician screwdriver 3/16x10"	1
WSW SDR700		Stubby screwdriver 1/4x1-1/2"	1
WSW SDR101		#1 Robertson screwdriver	1
WSW SDR102		#2 Robertson screwdriver	1
WSW SDR103		#3 Robertson screwdriver	1
PLR 2STUBBY		#2 Robertson stubby screwdriver	1
WSW SDP740		#1 Philips screwdriver	1
WSW SDP742		#2 Philips screwdriver	1
WSW SDP743		#3 Philips screwdriver	1
WSW SDP741		#2 Philips stubby screwdriver	1
WSW SDT10		T10 Torx screwdriver	1
WSW SDT15		T15 Torx screwdriver	1
WSW SDT20		T20 Torx screwdriver	1
PRT 88527		T27 Torx screwdriver	1
COMBINATION WRENCHES			
WSW CWK14R		Combination wrench set 14 piece 3/8" to 1-1/4"	1
WSW CW199		Combination wrench 5/16"	1
WSW CW301		Combination wrench 1-5/16"	1
WSW CW302		Combination wrench 1-3/8"	1
WSW CW303		Combination wrench 1-7/16"	1

AGI PART NUMBER	DESCRIPTION	QUANTITY
WSW CW304	Combination wrench 1-1/2"	1
WSW CMK16R	Combination wrench set 16 piece 7mm-24mm	1
WSW CM20	Combination wrench 20mm	1
WSW CM26	Combination wrench 26mm	1
PRT 1228MASD	Combination wrench 28mm	1
PRT 1229MASD	Combination wrench 29mm	1
WSW CM30	Combination wrench 30mm	1
WSW CM32	Combination wrench 32mm	1
OPEN END WRENCHES		
PRT 3100B	Open end wrench set 14 piece 3/8" to 1-1/4"	1
PRT 30000A	Open end wrench set 10 piece 6mm to 24mm	1
3/8" DRIVE SOCKET SET		
WSW SK3820	3/8" drive socket set 20 piece as follows 3/8" to 3/4" standard sockets, 3/8" to 13/16" deep sockets Reversible ratchet, flex handle, 3" extension, universal joint	1
WSW SS3864	5/16" standard socket	1
WSW MSK3814	3/8" drive metric socket set 14 piece	1
WSW DMK3814	3/8" drive metric deep socket set 14 piece	1
WSW SA386	6" Extension	1
WSW SA3810	10" Extension	1
WSW SA3812	Adapter 3/8"F to 1/2"M	1
WSW SA3814	Adapter 3/8"F to 1/4"M	1
WSW SKU38608	3/8" drive universal (flex) socket set 3/8" to 3/4"	1
WSW PMU3809	3/8" drive universal (flex) socket 9mm (impact)	1
WSW MSU38610	3/8" drive universal (flex) socket 10mm	1
WSW MSU38611	3/8" drive universal (flex) socket 11mm	1

AGI PART NUMBER	DESCRIPTION	QUANTITY
WSW MSU38612	3/8" drive universal (flex) socket 12mm	1
WSW MSU38613	3/8" drive universal (flex) socket 13mm	1
WSW MSU38614	3/8" drive universal (flex) socket 14mm	1
WSW MSU38615	3/8" drive universal (flex) socket 15mm	1
PRT 5239-10W	T10 Torx socket bit	1
PRT 5239-15W	T15 Torx socket bit	1
PRT 5239-20W	T20 Torx socket bit	1
PRT 5239-27W	T27 Torx socket bit	1
PRT 5239-30W	T30 Torx socket bit	1
PRT 5239-40W	T40 Torx socket bit	1
PRT 5239-45W	T45 Torx socket bit	1
PRT 5239-50W	T50 Torx socket bit	1
PRT 5239-55W	T55 Torx socket bit	1
1/4" DRIVE SOCKET SET		
WSW SKC1420	1/4" drive socket set 20 piece as follows 3/16" to 1/2" standard sockets, 4mm to 12mm standard socket, reversible ratchet	1
WSW SA142	2" Extension	1
WSW SA146	6" Extension	1
WSW SA1401	Flex handle	1
WSW SA1402	Universal joint	1
WSW SDH1412	Socket driver handle	1
1/2" DRIVE SOCKET SET		
WSW SK1220	1/2" drive socket set 20 piece as follows 7/16" to 1-1/4" standard sockets, reversible ratchet, flex handle universal joint, 5" extension, 10" extension	1
WSW MS12612	12mm standard socket	1

AGI PART NUMBER	DESCRIPTION	QUANTITY
WSW MS12612	13mm standard socket	1
WSW MS12614	14mm standard socket	1
WSW MS12615	15mm standard socket	1
WSW MS12616	16mm standard socket	1
WSW MS12617	17mm standard socket	1
WSW MS12618	18mm standard socket	1
WSW MS12619	19mm standard socket	1
WSW MS12620	20mm standard socket	1
WSW MS12622	22mm standard socket	1
WSW MS12624	24mm standard socket	1
WSW MS12626	26mm standard socket	1
WSW MS12627	27mm standard socket	1
WSW MS12628	28mm standard socket	1
WSW MS12630	30mm standard socket	1
WSW MS12632	32mm standard socket	1
WSW DS122B	7/16" deep socket	1
WSW DS122C	1/2" deep socket	1
WSW DS122D	9/16" deep socket	1
WSW DS122F	5/8" deep socket	1
WSW DS122H	11/16" deep socket	1
WSW DS122I	3/4" deep socket	1
WSW DS122K	13/16" deep socket	1
WSW DS122L	7/8" deep socket	1
WSW DS122M	15/16" deep socket	1
WSW DS122N	1" deep socket	1
WSW DS122O	1 1/16" deep socket	1
WSW DS122P	1 1/8" deep socket	1
WSW DMS12613	13mm deep socket	1

AGI NUMBER	PART	DESCRIPTION	QUANTITY
WSW DMS12614		14mm deep socket	1
WSW DMS12615		15mm deep socket	1
WSW DMS12616		16mm deep socket	1
WSW DMS12617		17mm deep socket	1
WSW DMS12618		18mm deep socket	1
WSW DMS12619		19mm deep socket	1
WSW DMS12620		20mm deep socket	1
WSW DMS12621		21mm deep socket	1
WSW DMS12622		22mm deep socket	1
WSW DMS12624		24mm deep socket	1
WSW DMS12627		27mm deep socket	1
WSW DMS12629		29mm deep socket	1
WSW PM1212		12mm impact socket	1
WSW PM1214		14mm impact socket	1
WSW PM1215		15mm impact socket	1
WSW PM1216		16mm impact socket	1
WSW PM1217		17mm impact socket	1
WSW PM1218		18mm impact socket	1
WSW PM1219		19mm impact socket	1
WSW PM1220		20mm impact socket	1
WSW PM1222		22mm impact socket	1

AGI PART NUMBER	DESCRIPTION	QUANTITY
WSW PM1224	24mm impact socket	1
PRT 7427M	27mm impact socket	1
WSW PM1229	29mm impact socket	1
WSW PMD1213	13mm deep impact socket	1
WSW PMD1214	14mm deep impact socket	1
WSW PMD1215	15mm deep impact socket	1
WSW PMD1216	16mm deep impact socket	1
WSW PMD1217	17mm deep impact socket	1
WSW PMD1218	18mm deep impact socket	1
WSW PMD1219	19mm deep impact socket	1
WSW PMD1220	20mm deep impact socket	1
WSW PMD1221	21mm deep impact socket	1
WSW PMD1222	22mm deep impact socket	1
WSW PMD1224	24mm deep impact socket	1
PRT 7327M	27mm deep impact socket	1
WSW PMD1229	29mm deep impact socket	1
WSW SA122	2" extension	1
WSW SA1238	Adaptor 1/2"F to 3/8"M	1
WSW SA1234	Adaptor 1/2"F to 3/4"M	1
3/4" DRIVE SOCKET SET		
PRT 55104	3/4" drive socket set 29 piece as follows 7/8" to 2-3/8" standard sockets, reversible ratchet, u-joint 5" extension, 8" extension, 16" extension, hinge handle 7/8", 15/16", 1", 1 1/16", 1 1/8", 1 1/4", 1 5/16", 1 3/8", 1 7/16", 1 1/2", 1 9/16", 1 5/8", 1 11/16", 1 3/4", 1 13/16", 1 7/8", 1 15/16", 2", 2 1/16", 2 1/8", 2 1/4", 2 5/16", 2 3/8"	1
WSW MSK3417	3/4" drive standard socket set 17 piece 17mm, 19mm, 20mm, 21mm, 22mm, 24mm, 27mm, 29mm, 30mm, 32mm, 34mm, 35mm, 36mm, 38mm, 41mm, 46mm, 50mm,	1

AGI NUMBER	PART	DESCRIPTION	QUANTITY
PRT 5528M		28mm standard socket	1
PRT 5542M		42mm standard socket	1
PRT 5554M		54mm standard socket	1
PRT 5555M		55mm standard socket	1
PRT 5558M		58mm standard socket	1
PRT 5560M		60mm standard socket	1
ASSORTED TOOLS			
PRT 000D		Gauge feeler ignition set 10 piece	1
PRT 000AA		Gauge feeler master set 25 piece	1
KDT 2223		Gauge feeler non-metallic	1
TFY 3296		Insulated spark plug boot pliers	1
EVR E250Y		Flashlight	1
EVR EN95T6		Batteries for above flashlight	2
WSW AW6		6" adjustable wrench	1
WSW AW10		10" adjustable wrench	1
WSW AW15		15" adjustable wrench	1
WSW LWC7		7" locking plier	1
WSW LWC10		10" locking plier	1
WSW PW8		8" pipe wrench	1
WSW PW14		14" pipe wrench	1
WSW A4		Gasket scraper tool	1
PRT 9866		Screw starter 6"	1
PRT 3021		Tube wrench 3/8"x7/16"	1
PRT 3026		Tube wrench 1/2"x9/16"	1
PRT 3034		Tube wrench 5/8"x11/16"	1
PRT 3039		Tube wrench 3/4"x7/8"	1
PRT 31011		Tube wrench 10mmx11mm	1
PRT 31213		Tube wrench 12mmx13mm	1
PRT 31415		Tube wrench 14mmx15mm	1
PRT 31617		Tube wrench 16mmx17mm	1

AGI NUMBER	PART	DESCRIPTION	QUANTITY
		Tube wrench 18mmx19mm	1
TFY 3344		Circuit tester	1
WSW 20W		Hacksaw frame	1
WSW 400		Battery post cleaner	1
WSW PB2		Pry bar 17-1/2"	1
WSW PB18		Mechanics pry bar 18"	1
LFK 1035CME		Tape measure 16'	1
WSW A20		6" steel ruler	1
MTN S120		Air blow gun	1
AKE 1710U		Welding goggles	1
PTR 20R		20" chain wrench	1
WSW A7		Cotter pin puller	1
GNF 1800-99999		Drill bit set 29 pcs 1/16" to 1/2" in 64th increments	1
CNP CP734H		1/2" Impact air wrench	1
MTT 531-128		6" Vernier calliper	1
RDG 33927		Flaring and cutting tool set	1
PRT 9500B		Screw extractor set 10 piece 1/8" to 1"	1
WSW HKP25		Hex key wrench set 25 piece plus the following 3 individual	1
WSW MHK12		12mm hex key	1
WSW HK716		7/16" hex key	1
WSW HK12		1/2" hex key	1
WSW PTM24		Magnetic pick up tool	1
PRT 2373		Inspection mirror	1
PRT 2345		Flexible retrieving tool	1
		SUB-TOTALS	48

BASIC TOOL REQUIREMENTS – Machinists and related Apprentices

AGI NUMBER	PART	DESCRIPTION	QUANTITY
TOOL BOXES			
BCH 92-612		Tool box 6 drawer HD with tray-locking (or equivalent)	1
BCH 92-712		Roller cabinet 3 drawer HD locking (or equivalent)	1
HAMMERS			
WSW 9116M		Hammer 16oz ballpein	1
WSW 9124M		Hammer 24oz ballpein	1
WSW 9132M		Hammer 32oz ballpein	1
WSW T720		Hammer soft face	1
PUNCHES & CHISELS			
WSW HC1		Punch holder	1
WSW WC34		Center punch	1
WSW WC8385		Aligning punch 16" long	1
WSW WC8386		Aligning punch 12" long	1
WSW WC40		Taper drift punch 1/8"x10" long	1
PRT 96-3/8		Taper drift punch 3/8"x10" long	1
PRT 1/4X1/16	47-	Pin punch 1/16"x4-1/4" long	1
WSW WC28		Pin punch 1/8"x5-1/4" long	1
WSW WC30		Pin punch 1/4"x6-1/2" long	1
WSW WC1		Cold chisel 3/8"x5-1/2" long	1
WSW WC2		Cold chisel 1/2"x6-1/4" long	1
WSW WC5		Cold chisel 7/8"x8" long	1
PLIERS			
PRT 380		Combination retaining ring pliers (internal & external)	1
WSW SJ605V		Diagonal cutting pliers 7"	1
WSW 500-8		Slip joint pliers 7"	1
WSW SJ606V		Needlenose pliers 6-1/2"	1

AGI PART NUMBER	DESCRIPTION	QUANTITY
WSW SJ607V	Needlenose pliers 8-1/2"	1
WSW 510-10	Waterpump pliers 9"	1
KDT 61073	Brake service tool kit (3 piece)	1
WSW A2	Wire stripping/crimping pliers 8"	1
WSW TS10Y	Tin snips	1
WSW 500-10	Slip joint pliers 10"	1
PTR 9LN	Flat nose lock ring pliers 8"	1
SCREWDRIVERS		
WSW SDR701	Standard screwdriver 1/4x4"	1
WSW SDR702	Standard screwdriver 1/4x6"	1
WSW SDR705	Standard screwdriver 3/8x10"	1
WSW SDE724	Electrician screwdriver 3/16x10"	1
WSW SDT10	T10 Torx screwdriver	1
WSW SDT15	T15 Torx screwdriver	1
WSW SDT20	T20 Torx screwdriver	1
PRT 88527	T27 Torx screwdriver	1
WSW SDP740	#1 Philips screwdriver	1
WSW SDP742	#2 Philips screwdriver	1
WSW SDP743	#3 Philips screwdriver	1
WSW SDP741	#2 Philips stubby screwdriver	1
COMBINATION WRENCHES		
WSW CWK14R	Combination wrench set 14 piece 3/8" - 1 1/4" + 5/16"	1
WSW CMK16R	Combination wrench set 17 piece set 7mm - 27mm	1
3/8" DRIVE SOCKET SET		
WSW SK3820	3/8" drive socket set 20 piece as follows 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4" and 13/16" Standard and deep sockets Reversible ratchet, flex handle, 3" extension, universal joint	1

AGI PART NUMBER	DESCRIPTION	QUANTITY
WSW SS3864	5/16" standard socket	
WSW MSK3814	3/8" drive metric socket set 22 piece includes 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm,	1
WSW DMK3814	and 19mm metric standard and deep sockets	1
WSW SA386	6" Extension	1
WSW SA3810	10" Extension	1
1/2" DRIVE SOCKET SET		
WSW SK1220	1/2" drive socket set, 20 piece as follows 7/16" - 1 1/4" standard sockets, reversible ratchet, flex handle, universal joint, 5", 10" extensions	1
WSW MS 12612	12 mm standard socket	1
WSW MS12613	13 mm standard socket	1
WSW MS 12614	14 mm standard socket	1
WSW MS12615	15 mm standard socket	1
WSW MS12616	16 mm standard socket	1
WSW MS12617	17 mm standard socket	1
WSW MS12618	18 mm standard socket	1
WSW MS12619	19 mm standard socket	1
WSW MS12620	20 mm standard socket	1
WSW MS12622	22 mm standard socket	1
WSW MS12624	24 mm standard socket	1
WSW MS12626	26 mm standard socket	1
WSW MS12627	27 mm standard socket	1
WSW MS12628	28 mm standard socket	1
WSW MS12630	30 mm standard socket	1
WSW MS12632	32 mm standard socket	1
WSW DS122B	7/16" deep socket	1
WSW MS122C	1/2" deep socket	1
WSW DS122D	9/16" deep socket	1
WSW DS122F	5/8" deep socket	1

AGI PART NUMBER	DESCRIPTION	QUANTITY
WSW DS122H	11/16" deep socket	1
WSW DS122I	3/4" deep socket	1
WSW DS122K	13/16 " deep socket	1
WSW DS122L	7/8" deep socket	1
WSW DS122 M	15/16" deep socket	1
WSW DS122N	1" deep socket	1
WSW DS122O	1 1/16" deep socket	1
WSW DS122P	1 1/8" deep socket	1
WSW DMS12613	13mm deep socket	1
WSW DMS12614	14 mm deep socket	1
WSW DMS12615	15 mm deep socket	1
WSW DMS12616	16 mm deep socket	1
WSW DMS12617	17 mm deep socket	1
WSW DMS12618	18 mm deep socket	1
WSW DMS12619	19 mm deep socket	1
WSW DMS12620	20 mm deep socket	1
WSW DMS12621	21 mm deep socket	1
WSW DMS12622	22 mm deep socket	1
WSW DMS12624	24 mm deep socket	1
WSW DMS12627	27 mm deep socket	1
WSW DMS12629	29mm deep socket	1

AGI PART NUMBER	DESCRIPTION	QUANTITY
WSW PM1212	12 mm impact socket	1
WSW PM1213	13 mm impact socket	1
WSW PM1214	14 mm impact socket	1
WSW PM1215	15 mm impact socket	1
WSW PM1216	16 mm impact socket	1
WSW PM 1217	17 mm impact socket	1
WSW PM1218	18 mm impact socket	1
WSW PM1219	19 mm impact socket	1
WSW PM1220	20 mm impact socket	1
WSW PM1222	22 mm impact socket	1
WSW PM1224	24 mm impact socket	1
PRT 7427M	27 mm impact socket	1
WSW PM1229	29 mm impact socket	1
WSW PMD1213	13 mm deep impact socket	1
WSW PMD1214	14 mm deep impact socket	1
WSW PMD1215	15 mm deep impact socket	1
WSW PMD1216	16 mm deep impact socket	1
WSW PMD1217	17 mm deep impact socket	1
WSW PMD1218	18 mm deep impact socket	1
WSW PMD1219	19 mm deep impact socket	1
WSW PMD1220	20 mm deep impact socket	1
WSW PMD1221	21 mm deep impact socket	1
WSW PMD1222	22 mm deep impact socket	1
WSW PMD 1224	24 mm deep impact socket	1
PRT 7327M	27 mm deep impact socket	1
WSW PMD 1229	29 mm deep impact socket	1
WSW SA122	2" extension	1
WSW SA1238	adaptor 1/2" F to 3/8" M	1

AGI PART NUMBER	DESCRIPTION	QUANTITY
WSW SA 1234	adaptor 1/2" F to 3/4" M	1
ASSORTED TOOLS		
PRT 000AA	Gauge feeler master set 25 piece	1
WSW AW6	6" Adjustable wrench	1
WSW AW15	15" Adjustable wrench	1
PTR 7WR	7" Vise grip curved/straight jaw locking pliers	1
PTR 10WR	10" Vise grip curved/straight jaw locking pliers	1
WSW PW8	8" Pipe wrench	1
WSW A4	Gasket scraper tool	1
WSW 20W	Hacksaw frame	1
WSW PBK4	Pry bar kit 4 piece	1
LFK 1035CME	Tape measure 16'	1
BHS 20199	Hex key wrench set - metric/standard	1
WSW PTM24	Magnetic pick up tool	1
PRT 2373	Inspection mirror	1
PRT 2345	Flexible retrieving tool	1
OLF SCS2	Scissors - serrated edge - 7 inch	1
MTT 531-128	6" Vernier calliper	1
WSW A20	6" Steel ruler	1
GNF 1800-99999	Drill bit set - 29 pieces 1/16" - 1/2" in 64th increments	1
Starrett	Dial indicator and magnetic base	1
Starrett	Micrometer - 0 - 1 inch	1
Starrett	Micrometer - 2 - 6 Inch set	1
Starrett	Telescopic gauge set 6 piece 5/16 - 6"	1
Starrett	Thread pitch gauges set	1
Craftsman	12" cast iron combination square	1