



910, 914 AND 920 COMPACT WHEEL LOADER PARTS REFERENCE GUIDE

SERIAL NUMBER PREFIX: JW2, JC3, SL4

LET'S DO THE WORK.™



PROTECT YOUR INVESTMENT WITH GENUINE CAT® PARTS

Thank you for selecting the Cat® Compact Wheel Loader.

This guide is designed to provide you with a quick reference for the parts and part numbers you need to keep your Cat Compact Wheel Loader running at peak efficiency.

MAINTENANCE

Proactive preventative maintenance extends the life of your machine and protects your investment. Only Caterpillar knows Cat equipment’s filtration and lubrication requirements and offers parts to match your machine’s maintenance cycles.

SCHEDULED MAINTENANCE PARTS	
	GREASES
	PLANNED MAINTENANCE PARTS

REPLACEMENT PARTS

Proper maintenance minimizes the need for repair and replacement. In the event that replacement parts are required, the use of genuine Cat parts helps maximize machine performance and maintains high resale value.

WEAR PARTS
GROUND ENGAGING TOOLS
REPAIR PARTS
MIRRORS, LIGHTS AND FUSES
CAB GLASS AND ACCESSORIES
BATTERIES
ENGINE PARTS
HYDRAULIC QUICK DISCONNECTS
LINKAGE PIN AND BEARING PARTS

SALES MODEL	SERIAL NUMBER
910	JW20001-UP
914	JC30001-UP
920	SL40001-UP

GREASES

	STANDARD MAINTENANCE GREASES		
Previous Cat Product Name	Cat Ultra 5 Moly #1	Cat Ultra 5 Moly #2	Cat Advanced 3 Moly
Current Cat Product Name	Cat Extreme Application Grease 1	Cat Extreme Application Grease 2	Cat Prime Application Grease
Grade (NLGI)	1	2	2
Melting Point C° (F°)	260 (500)	260 (500)	260 (500)
Ambient Temperature C° (F°)	-35 to +40 (-31 to +104)	-30 to +50 (-22 to +122)	-20 to +40 (-4 to +104)
Base Oil Type	Mineral	Mineral	Mineral
Color	Dark Grey	Dark Grey	Dark Grey
Cartridge (390 g / 14 oz)	452-5996	452-6001	452-6006
Plastic Pail (5 kg / 11 lb)	-	-	-
Plastic Pail (16 kg / 35 lb)	452-5999	452-6004	452-6009
Keg (55 kg / 120 lb)	452-5998	452-6003	452-6008
Drum (180 kg / 400 lb)	452-5997	452-6002	452-6007



GREASES FOR UNIQUE APPLICATIONS AND ENVIRONMENTS			
Cat Arctic Platinum	Cat Desert Gold	Cat Multipurpose	Hammer Paste
Cat Extreme Application Grease - Arctic	Cat Extreme Application Grease - Desert	Cat Utility Grease	
0	2	2	2
230 (446)	280 (536)	260 (500)	230 (446)
-35 to +40 (-31 to +104)	-30 to +50 (-22 to +122)	-30 to +40 (-22 to +104)	-20 to +1100 (-4 to +2012)
Semi-Synthetic	Mineral	Mineral	Mineral
Dark Grey	Dark Grey	Blue	Bronze
452-7459	452-6016	452-6011	130-6951
-	-	-	133-8807
452-6020	452-6019	452-6014	-
452-7461	452-6018	452-6013	-
452-7460	452-6017	452-6012	-



PLANNED MAINTENANCE PARTS 910, 914 and 920

COMPACT WHEEL LOADERS		INITIAL 500 HOURS							
		Transfer Drive Oil Change	Front Differential and Final Drive Oil Change	Rear Differential and Final Drive Oil Change	Transfer Drive	Front Differential Plug / O-Ring	Front Final Drive Plug / O-Ring	Rear Differential Plug / O-Ring	Rear Final Drive Plug / O-Ring
Sales Model	Serial # Prefix	Oil Quantity TDTO	Oil Quantity	Oil Quantity	Plug / O-Ring	Plug / O-Ring	Plug / O-Ring	Plug / O-Ring	Plug / O-Ring
910	JW2	3.2 L (0.85 gal)*	Diff = 7.5 L (1.98 gal)* Hub = 1.3 L (0.34 gal)* each	Diff = 7.5 L (1.98 gal)* Hub = 1.3 L (0.34 gal)* each	Drain: 385-3599 (seal included) Fill: 499-2184 (seal included) Level Check: 464-9487 6V-3922 O-Ring	385-3599 (seal included) QTY 3 385-3600 (seal included)	385-3599 (seal included) QTY 1	385-3599 (seal included) QTY 2 385-3600 (seal included)	385-3599 (seal included) QTY 1
914	JC3		Diff = 7.5 L (1.98 gal)* Hub = 2.3 L (0.61 gal)* each	Diff = 7.5 L (1.98 gal)* Hub = 2.3 L (0.61 gal)* each		490-7805 (seal included) QTY 2	490-7805 (seal included) QTY 2	490-7805 (seal included) QTY 2	490-7805 (seal included) QTY 2
920	SL4		17 L (4.49 gal)*	17 L (4.49 gal)*					

*Dry fill capacity

COMPACT WHEEL LOADERS		EVERY 500 HOURS										
		Transfer Drive Oil Change	Front Differential and Final Drive Oil Change	Rear Differential and Final Drive Oil Change	Engine Oil / Filter Change	Lubricate Machine	Fuel Filter Change	Engine Air Filter	Hydraulic Filter Change	Cabin Air		
Sales Model	Serial # Prefix	Oil Quantity TDTO	Oil Quantity	Oil Quantity	Filter Element	Oil Quantity DEO-ULS™	Prime Application Grease	Primary	Primary Element	Filter Element	Fresh Air Element	Recirculating Element
910	JW2	Sampling Only										
914	JC3		569-8036	9 L (2.38 gal) *	452-6006	523-6602	528-0585	421-5479	270-9018	313-2458		
920	SL4											

*Dry fill capacity

COMPACT WHEEL LOADERS		EVERY 1,000 HOURS								EVERY 1,500 HOURS
		Transfer Drive Oil Change	Front Differential and Final Drive Oil Change	Rear Differential and Final Drive Oil Change	Transfer Drive	Front Differential Plug / O-Ring	Front Final Drive Plug / O-Ring	Rear Differential Plug / O-Ring	Rear Final Drive Plug / O-Ring	Engine Air Filter
Sales Model	Serial # Prefix	Oil Quantity TDTO	Oil Quantity	Oil Quantity	Plug / O-Ring	Plug / O-Ring	Plug / O-Ring	Plug / O-Ring	Plug / O-Ring	Secondary Element
910	JW2	3.2 L (0.85 gal)*	Diff = 7.5 L (1.98 gal)* Hub = 1.3 L (0.34 gal)* each	Diff = 7.5 L (1.98 gal)* Hub = 1.3 L (0.34 gal)* each	Drain: 385-3599 (seal included) Fill: 499-2184 (seal included) Level Check: 464-9487 6V-3922 O-Ring	385-3599 (seal included) QTY 3 385-3600 (seal included)	385-3599 (seal included) QTY 1	385-3599 (seal included) QTY 2 385-3600 (seal included)	385-3599 (seal included) QTY 1	346-6688
914	JC3		Diff = 7.5 L (1.98 gal)* Hub = 2.3 L (0.61 gal)* each	Diff = 7.5 L (1.98 gal)* Hub = 2.3 L (0.61 gal)* each		490-7805 (seal included) QTY 2	490-7805 (seal included) QTY 2	490-7805 (seal included) QTY 2	490-7805 (seal included) QTY 2	
920	SL4		17 L (4.49 gal)*	17 L (4.49 gal)*						

1,000 hour and 1,500 hour services include the 500 hour interval parts

*Changed every 1,000 hours after the initial 500 hour change (i.e., 1,500 hours, 2,500 hours, etc.)

PLANNED MAINTENANCE PARTS 910, 914 and 920

COMPACT WHEEL LOADERS		EVERY 3,000 HOURS			
		Water Temperature Regulator	DEF Fluid Filter	Belt Change	
Sales Model	Serial # Prefix	Thermostat and Gasket	Filter Element	Drive	A/C Compressor
910	JW2	588-4075	378-3187	520-3849	561-0797
914	JC3				
920	SL4				

COMPACT WHEEL LOADERS		EVERY 6,000 HOURS					
		Engine Coolant Extender Add	Hydraulic Tank	Hydraulic Oil Change			DEF Injector
Sales Model	Serial # Prefix	Coolant Extender Quantity	Breather	Hydo Advanced Quantity	Tank Drain	Filter O-Ring	Injector
910	JW2	0.4 L (0.11 gal) (depending on S•O•S SM Coolant Sampling Results)	258-2829	98 L (25.89 gal)	101-4639 (Eco Drain) 2M-8780 (Drain O-Ring)	8C-3082 4F-4097 (QTY 2)	529-7539
914	JC3						
920	SL4						

All maintenance requirements should be performed at the specified intervals, even when it aligns with another maintenance cycle.
At 12,000 hours, maintenance cycles from 6,000 hours, 2,000 hours, 1,500 hours, 1,000 hours and 500 hours should also be addressed.

COMPACT WHEEL LOADERS		EVERY 10,000 HOURS	EVERY 12,000 HOURS
		DEF Manifold Filter	Engine Coolant Change
Sales Model	Serial # Prefix	Filter Element	Coolant Quantity
910	JW2	536-6756	21.5 L (5.55 gal)
914	JC3		
920	SL4		

All maintenance requirements should be performed at the specified intervals, even when it aligns with another maintenance cycle.
At 12,000 hours, maintenance cycles from 6,000 hours, 2,000 hours, 1,500 hours, 1,000 hours and 500 hours should also be addressed.



GROUND ENGAGING TOOLS 910, 914 and 920

910/914/920 (JW2, JC3, SL4) Cutting Edges	Bucket Width		
	2300 mm / 7' 6"	2400 mm / 7'10"	2549 mm / 8'3"
Standard Single Piece Cutting Edge			
Standard	521-8053	436-9689	494-5878
3 Piece Cutting Edge (single piece edge recommended for all current and new buckets)			
Centre	4T-2911	9W-8620	-
End	4T-2918 (QTY 2)	4T-2914 (QTY 2)	
Segmented Cutting Edge (for use with adapters and tips)			
Standard	128-2873 (QTY 7)	128-2873 (QTY 7)	-
Hardware			
Bolts	4F-7827 (QTY 8, 14 for Segmented)	4F-7827 (QTY 8, 14 for Segmented)	4F-7827 (QTY 8)
Nuts	2J-3506 (QTY 8, 14 for Segmented)	2J-3506 (QTY 8, 14 for Segmented)	2J-3506 (QTY 8)

Tips (J200)	910/914/920
Set of 8 Long Tips (Includes Hardware)	100-7924
General Duty (Long)	1U-3202
Pin	8E-6208
Retainer	8E-6209
Set of 8 Bolt-on Adapters (Includes Hardware)	9W-9642
Adapter - Center	9J-4207 (QTY 6)
Bolt (10 x 2.75)	5J-4771 (QTY 12)
Nut	2J-3506 (QTY 12)
Adapter - Left	1U-2208
Adapter - Right	1U-2209
Bolt (9 x 2.75)	6F-0196 (QTY 2)
Nut	2J-3505 (QTY 2)

MIRRORS, LIGHTS AND FUSES 910, 914 and 920

Mirrors	910/914/920	QTY
Mirror External and Adjustable	201-9985	2
Mirror Interior	257-8403	1

Lights	910/914/920	QTY
Lamp 12V (Dome)	210-8754	1
Dome Light Assembly Standard	084-4277	1
Lamp 12V Halogen Bulb (Flood- Front and Rear Working)	9W-0607	4
Lamp 12V Halogen Bulb (Headlamp) (Roading)	9W-3324	2
Lamp 12V Halogen Bulb (Front Turn Signal) (Roading)	226-4560	2
Lamp 12V Halogen Bulb (Front Position) (Roading)	226-4561	2
Lamp 12V Halogen Bulb (Rear Turn Signal) (Roading)	9W-3326	2
Lamp 12V Halogen Bulb (Stop and Rear) (Roading)	108-7605	2
Lamp 12V LED Lamp (Flood- Front and Rear Working)	589-0437	8
Lamp 12V LED Lamp (Headlamp) (Roading)	504-7205 - Left 504-7204 - Right	1
Lamp 12V LED (Front Turn Signal) (Roading)		1
Lamp 12V LED (Front Position) (Roading)		
Lamp 12V LED (Rear Turn Signal) (Roading)	554-1084	2
Lamp 12V LED (Stop and Rear) (Roading)		
Lamp Lense Rear	344-7953	2
Fog Lamp Bulb	9W-3326	1
Fog Lamp Lense	344-7954	1
Reversing Lamp Bulb	9W-3326	1
Reversing Lamp Lense	344-7955	1
Lamp 12V (License Plate Holder) (Roading)	195-9712	1
Lamp 12V (Warning Beacon)	9X-8118	1

Fuses	Part Number
Fuse (5 amp Mini Fuse)	141-2759
Fuse (10 amp Mini Fuse)	113-8490
Fuse (15 amp Mini Fuse)	113-8491
Fuse (20 amp Mini Fuse)	113-8492
Fuse (25 amp Mini Fuse)	113-8493
Fuse (30 amp Mini Fuse)	124-3548
Fuse (50 amp Mini Fuse)	396-8366
Fuse (60 amp Mini Fuse)	390-1306
Fuse (100 amp Mini Fuse)	378-1012



CAB GLASS AND ACCESSORIES 910, 914 and 920

Description	910/914/920	QTY
Wiper Blade Front	6V-7419	1
Wiper Blade Rear	6V-5853	1
Window - Front Upper Central	256-9643	1
Window - Front Upper Left	259-5494	1
Window - Front Upper Right	259-5493	1
Window - Front Lower Left	293-0543	1
Window - Front Lower Right	293-0545	1
Window Assembly - Right Door Sliding	303-3004	1
Window Lower Door - Right	398-8786	1
Window Assembly - Left Door Sliding	303-3003	1
Window - Lower Door Left	398-8785	1
Window - Rear Main	266-7068	1
Window - Rear Side Corner Left	266-7070	1
Window - Rear Side Corner Right	266-7069	1
Seat Belt 50.8 mm (2")	549-4286	1
Seat Belt 76.2 mm (3")	595-1980	1
Door Handle Outer Assembly	252-1862	2
Washer Bottle Cover/Cap	254-5683	1
Filter - Cab Air Recirculation	313-2458	1
Filter - Cab Fresh Air	270-9018	1
Engine Hood	532-5943	1
Rear Grill / Rear Bezel Assembly	492-8695	1
Engine Hood Latch	9X-2299	2
Engine Door - Right	548-1779	1
Engine Door - Left	548-1778	1
Rear Door Screen	589-7424	1
Fender Front - Right	547-5225	1
Fender Front - Left	547-5224	1
Fender - Front Assembly	547-5223	1
Fender Rear - Right	547-5220	1
Fender Rear - Left	547-5219	1
Fender - Rear Assembly	547-5218	1
Fender Trim - Right	547-5222	1
Fender Trim - Left	547-5221	1

BATTERIES 910, 914 and 920

Sales Model	Serial Number Prefix	Description	Part Number	Quantity
910, 914, 920	JW2, JC3, SL4	Standard	115-2422	1
		Heavy Duty	115-2422	2

ENGINE PARTS 910, 914 and 920

Description	910/914/920	QTY	Description	910/914/920	QTY
Engine Belt Alternator	520-3849	1	Filter - Air Intake (Secondary)	346-6688	1
Engine Belt AC Compressor	561-0797	1	Filter - Engine Oil	569-8036	1
Alternator Assembly	515-4364	1	Filter - DEF Pump	378-3187	1
Fuel Injector Assembly	553-8167	4	Filter - DPF Filter	560-7515	1
Water Pump Assembly	533-5882	1	Catalyst (Oxidation) (SCR)	566-4404	1
Starter Motor	321-8965	1	Oil Fill Cap	528-5177	1
Turbocharger	569-8448	1	Oil Fill Cap Seal	234-6171	1
Thermostat - Engine Coolant	588-4075	1	Oil Drain Plug	552-5795	1
Filter - Air Intake (Primary)(Standard)	528-0585	1	Oil Drain Plug Seal	552-5808	1



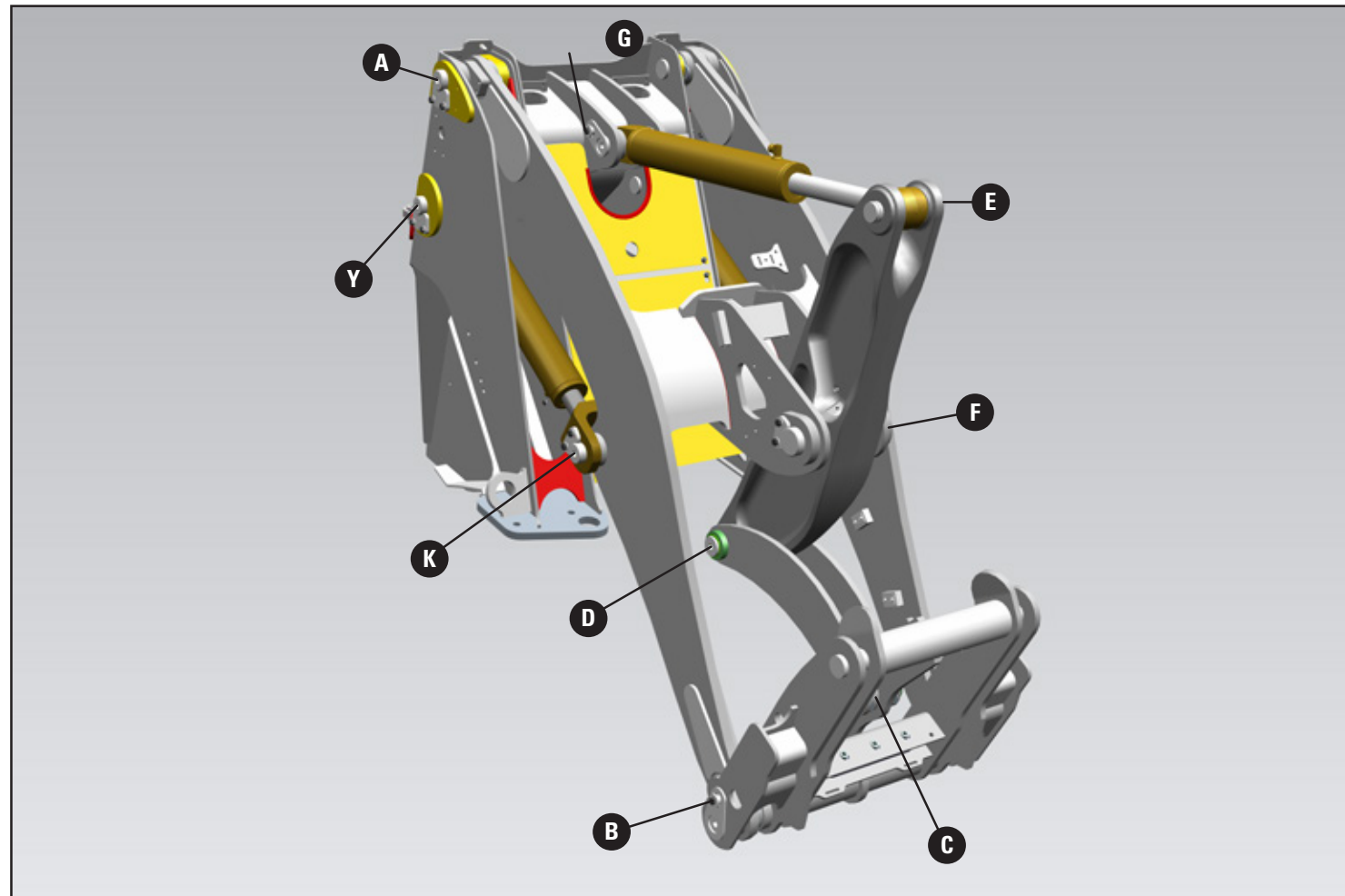
HYDRAULIC QUICK DISCONNECTS 910, 914 and 920

Description	910/914	Comments
QD Coupling - I/C Size 19 STOR Male Screw to Connect	439-1589	3 and 4 Valve
QD Coupling - I/C Size 19 STOR Female Screw to Connect	439-1588	3 and 4 Valve
QD Coupling - I/C Size 12.5 ORFS Male Push to Connect	195-6526	All Configurations
QD Coupling - I/C Size 12.5 ORFS Female Push to Connect	195-6525	All Configurations
Description	920	Comments
QD Coupling - I/C Size 19 STOR Male Screw to Connect	439-1589	3 Valve; Standard Flow
QD Coupling - I/C Size 19 STOR Female Screw to Connect	439-1588	3 Valve; Standard Flow
QD Coupling - I/C Size 19 STOR Male Screw to Connect	439-1591	4 Valve; High Flow
QD Coupling - I/C Size 25 STOR Female Screw to Connect	439-1590	4 Valve; High Flow
QD Coupling - I/C Size 12.5 ORFS Male Push to Connect	195-6526	All Configurations
QD Coupling - I/C Size 12.5 ORFS Female Push to Connect	195-6525	All Configurations
QD Coupling - I/C Size 12.5 STOR Male Push to Connect	106-0406	4 Valve; High Flow
QD Coupling - I/C Size 12.5 STOR Female Push to Connect	106-0401	4 Valve; High Flow





LINKAGE PIN AND BEARING PART NUMBERS 910, 914 and 920



Linkage Pins										
Sales Model	Serial # Prefix	A - Loader Arm	B - Loader Arm	C - Tilt Link	D - Tilt Lever	E - Tilt Cylinder	F - Tilt Lever	G - Tilt Cylinder	K - Lift Cylinder	Y - Tilt Cylinder
910, 914, 920	JW2, JC3, SL4	392-8632 Pin (QTY 2)	434-4385 Pin	434-4385 Pin	392-3012 Pin	392-3010 Pin	518-0073 Pin	399-4554 Pin (QTY 2)	392-3011 Pin (QTY 2)	397-4483 Pin (QTY 2)
Bearings										
Sales Model	Serial # Prefix	A - Loader Arm	B - Loader Arm	C - Tilt Link	D - Tilt Lever	E - Tilt Cylinder	F - Tilt Lever	G - Tilt Cylinder	K - Lift Cylinder	Y - Tilt Cylinder
910, 914, 920	JW2, JC3, SL4	417-5824 Bushing (QTY 2)	–	419-0477 Bushing	–	417-5825 Bushing (QTY 2)	–	417-5826 Bushing (QTY 2)	–	–
Seals and Grease Fittings										
Sales Model	Serial # Prefix	A - Loader Arm	B - Loader Arm	C - Tilt Link	D - Tilt Lever	E - Tilt Cylinder	F - Tilt Lever	G - Tilt Cylinder	K - Lift Cylinder	Y - Tilt Cylinder
910, 914, 920	JW2, JC3, SL4	3B-8489 Grease Fitting (QTY 2)	3B-8489 Grease Fitting (QTY 2)	3B-8489 Grease Fitting	3B-8489 Grease Fitting	3B-8489 Grease Fitting	3B-8489 Grease Fitting	3B-8489 Grease Fitting	3B-8489 Grease Fitting (QTY 2)	3B-8489 Grease Fitting (QTY 2)
Retention Hardware										
Sales Model	Serial # Prefix	A - Loader Arm	B - Loader Arm	C - Tilt Link	D - Tilt Lever	E - Tilt Cylinder	F - Tilt Lever	G - Tilt Cylinder	K - Lift Cylinder	Y - Tilt Cylinder
910, 914	JW2, JC3	292-4872 Washer (QTY 12) 430-2639 Plate (QTY 2) 8T-4956 Bolt (QTY 4) 8T-4223 Washer (QTY 4)	292-4872 Washer (QTY 12) 7X-0618 Washer (QTY 2) 8T-4192 Bolt (QTY 2)	136-1122 Spacer 292-4872 Washer (QTY 4) 375-1442 Retaining Ring 7X-0618 Washer 8T-4956 Bolt	136-1122 Spacer 292-4872 Washer (QTY 4) 375-1442 Retaining Ring 7X-0618 Washer 8T-4956 Bolt	328-0722 Plate 8T-4139 Bolt (QTY 2) 8T-4223 Washer (QTY 2)	328-0722 Plate 8T-4139 Bolt (QTY 2) 8T-4223 Washer (QTY 2)	8T-4192 Bolt 7X-0618 Washer	328-0722 Plate (QTY 2) 8T-4139 Bolt (QTY 4) 8T-4223 Washer (QTY 4)	430-2639 Plate (QTY 2) 8T-4956 Bolt (QTY 4) 8T-4223 Washer (QTY 4)
920	SL4	292-4872 Washer (QTY 12) 430-2639 Plate (QTY 2) 8T-4956 Bolt (QTY 4) 8T-4223 Washer (QTY 4)	292-4872 Washer (QTY 12) 7X-0618 Washer (QTY 2) 8T-4192 Bolt (QTY 2)	136-1122 Spacer 292-4872 Washer (QTY 4) 375-1442 Retaining Ring 7X-0618 Washer 8T-4956 Bolt	136-1122 Spacer 292-4872 Washer (QTY 4) 375-1442 Retaining Ring 7X-0618 Washer 8T-4956 Bolt	328-0722 Plate 8T-4139 Bolt (QTY 2) 8T-4223 Washer (QTY 2)	328-0722 Plate 8T-4139 Bolt (QTY 2) 8T-4223 Washer (QTY 2)	8T-4192 Bolt 7X-0618 Washer	328-0722 Plate (QTY 2) 8T-4139 Bolt (QTY 4) 8T-4223 Washer (QTY 4)	430-2639 Plate (QTY 2) 8T-4956 Bolt (QTY 4) 8T-4223 Washer (QTY 4)

LET'S DO THE WORK.™

PEBJ0171
Build Number: 14A
November 2020
(N. AM., EU, Japan, Aus-NZ HRC Regions)

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