
320C 320C L Track-Type Excavators

Powered by 3066 Engine

SERIAL NUMBER

FBA1-Up(Vehicle)

GAA1-Up(Vehicle)

MAA1-Up(Vehicle)

PAA1-Up(Vehicle)

7JK52509-Up(Engine)

HOW TO USE THE PARTS MANUAL

Caterpillar Parts Manuals include illustrations of the groups or assemblies which make up the machine. These illustrations show the standard components plus many of the attachments available for the machine.

The alphabetical index located in the front part of the book should be used to determine the page number on which specific illustrations are shown. Reference to those pages will identify each of the individual serviceable parts.

Captions

The caption under each illustration identifies the part number and name of the group or assembly shown. If more than one illustration is included for any group, the caption identifies the specific machine serial numbers to which each illustration applies. In some cases it is not possible to determine the specific machine serial numbers to which different illustrations are applicable. In those cases the caption identifies the illustration as "First Type", "Second Type", etc. Reference to the actual group or assembly is necessary in those cases to determine which illustration should be used.

Captions provide additional information such as page numbers where illustrations of sub assemblies are shown, information regarding quantities used and other information intended to assist the user in determining parts needs.

This information indicates the effective serial number or effective date on which changes became effective.

Example :

D95.05- : Applicable on and after May 1995

↑ D indicates the nineteen hundreds.

T00.05- : Applicable on and after May 2000

↑ T indicates the two thousands.

Indented Part Names

Within each illustration is a parts list identifying each serviceable part in the illustration. When a part name is indented in this list, it means that serviceable item is a part of the serviceable item under which it is indented.

Abbreviations and Symbols

R.H. Right Hand
L.H. Left Hand

} Refers to the side of the machine as viewed from the operator's compartment.

L Length
T Thickness
Z Number of Gear Teeth
O.D. Outside Diameter
I.D. Inside Diameter
O.S. Over Size
U.S. Under Size
N/S Not Serviced
AS Assembly
NOM Nominal

Abbreviations of Wire Colors

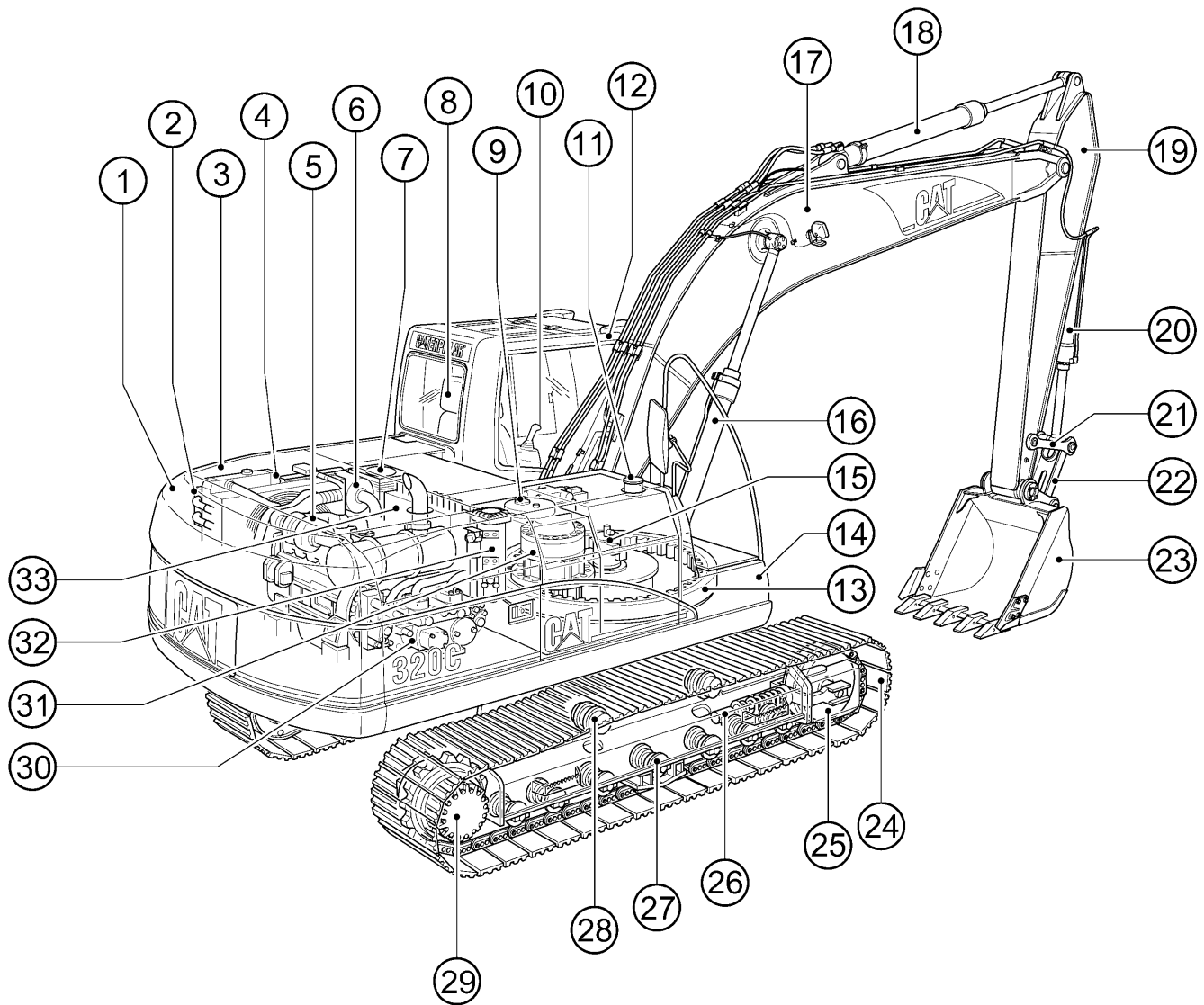
RD :Red	BR :Brown
WH :White	GN :Green
OR :Orange	BU :Blue
YL :Yellow	T :Tan
PK :Pink	DK/BU :Dark Blue
BK :Black	DK/GN :Dark Green
GY :Gray	LT/BU :Light Blue
PU :Purple	LT/GN :Light Green

Note

Continuing improvement and advancement of product design may cause changes to your machine which may not be included in this publication. Each publication is reviewed and revised, as required, to update and include these changes in later editions.

Whenever a question arises regarding your Caterpillar product, or this publication, please consult your Caterpillar dealer for the latest available information.

MODEL VIEW



	PAGE		PAGE		PAGE
① Counterweight	220	⑫ Cab	560	⑳ Bucket	726
② Aftercooler	40	⑬ Swing Bearing	228	㉑ Track	264
③ Engine Cover	198	⑭ Storage Box	215	㉒ Idler	242
④ Radiator & Oil Cooler	38	⑮ Swivel	472	㉓ Track Adjuster	246
⑤ Engine	11	⑯ Boom Cylinder	306	㉔ Track Roller	255
⑥ Air Cleaner	48	⑰ Boom	682	㉕ Carrier Roller	255
⑦ Battery	72	⑱ Stick Cylinder	310	㉖ Final Drive	193
⑧ Operator Seat	637	⑲ Stick	689	㉗ Pump	285
⑨ Hydraulic Tank	274	㉑ Bucket Cylinder	318	㉘ Swing Drive	458
⑩ Control Lever	474	㉒ Link	708	㉙ Capsule Filter	300
⑪ Fuel Tank	69	㉓ Rod	708	㉚ Control Valve	490

REPLACEMENT ITEMS

The following chart provides a convenient listing of those items which require occasional replacement during normal operation or maintenance.

DESCRIPTION	PART NO.	QTY. USED	PAGE NO.
Belt			
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Refrigerant Compressor V-Belt	8L-8646	1	671
Filter			
Air Conditioner Filter	178-5479	1	653
Air Filter			
Primary Filter Assembly	131-8822	1	49
Secondary Filter Assembly	131-8821	1	49
Cab Air Filter	4I-1278	1	655
Engine Oil Filter	1R-0739	1	35
Fuel Filter	1R-0751	1	63
Hydraulic Oil Drain Filter	093-7521	1	298
Hydraulic Oil Pilot Filter	5I-8670	1	299
Hydraulic Tank Return Filter	126-2081	1	302
	179-9806	1	303

LIST OF ATTACHMENTS

The following chart provides a convenient listing of attachments with their reference page numbers as a quick reference for parts ordering.

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163-7737 R-BOOM, REACH 5.7M	672
176-2713 R-BOOM, REACH 5.7M (Heavy Duty)	672
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165-0960 B Family 1220MM Wide-0.9Cu.M.-Adapter Size J300	716
168-2998 B Family 1280MM Wide-1.0Cu.M.-Adapter Size J300	717
123-5473 C Family 1370MM Wide-1.1Cu.M.-Adapter Size J350	719
123-5474 C Family 1470MM Wide-1.2Cu.M.-Adapter Size J350	719
For Demolition	
168-3029 B Family 1230MM Wide-0.9Cu.M.-Adapter Size J350	718
For Hammer	
165-0959 B Family 1110MM Wide-0.8Cu.M.-Adapter Size J350	718
EXTREME SERVICE EXCAVATION (EX)	
123-5472 B Family 1100MM Wide-0.8Cu.M.-Adapter Size J350	720
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163-7739 B FAMILY (Casting Type)	678
176-2848 B FAMILY (Fabrication Type)	679
163-7741 C FAMILY	678
176-2732 FOR DEMOLITION	679
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171-7345 METAL ROOF HATCH CAB	561
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218-5378 EXTRA PINS (FBA1-Up, GAA1-Up)	751.01

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176-2704	HAMMER (PAA1-Up)	771
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204-3729	BOTTOM, HEAVY DUTY (FBA1-Up, GAA1-Up)	209
134-8875	SWIVEL (FBA1-Up, GAA1-Up)	212
126-2170	BUCKET CYLINDER (For Demolition)	328
126-2120	BUCKET CYLINDER (For Hammer)	329
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164-0535	CAB FRONT (Half Net)	624
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120-7167	Track End Guide (GAA1-Up, PAA1-Up)	252
199-7430	HAND CONTROL PATTERN CHANGER (4 Ways)	399.02
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173-7959	High Pressure Lines	360
173-7951	Medium Pressure Lines	364
R-Boom (5.7M)		
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153-8828	Medium Pressure Lines	362
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179-5146	With Slow Return Valve	344
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173-8081	Medium Pressure Lines	380

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173-8027	High Pressure Lines	355
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