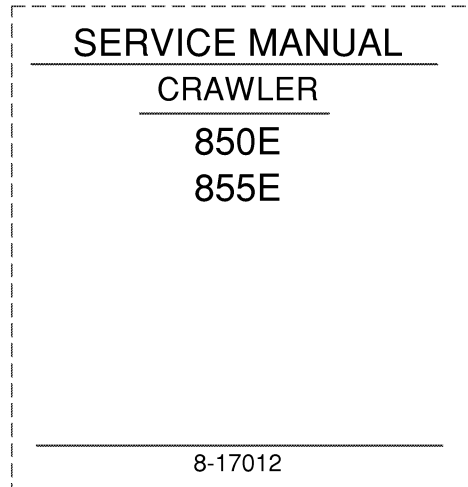


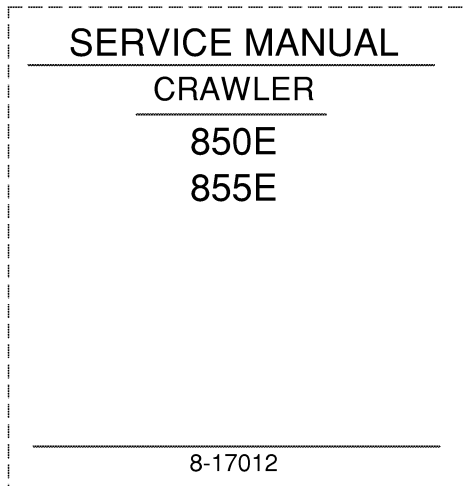
1. Trim along dashed line.
2. Slide into pocket on Binder Spine.

TYPE 1-4



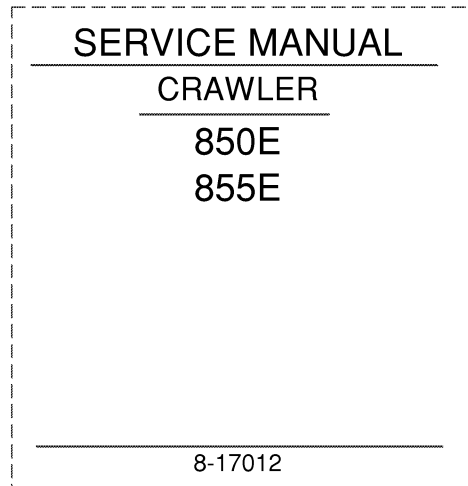
1. Trim along dashed line.
2. Slide into pocket on Binder Spine.

TYPE 1-4



1. Trim along dashed line.
2. Slide into pocket on Binder Spine.

TYPE 1-4



1. Trim along dashed line.
2. Slide into pocket on Binder Spine.

TYPE 1-4

850E/855E Crawler
Service Manual
8-17012
Table of Contents

Description	Section No.	Form No.
General		
Tab 1		
Section Index - General		8-19180
Standard Torque Specifications	1001	8-71601
Fluids and Lubricants	1002	8-18970
Loctite Product Chart		8-98900
Engine		
Tab 2		
Section Index - Engine		7-43920
Engine Stall Tests	2000	8-19190
Removal and Installation and Radiator Removal and Installation	2001	8-19200
Detailed Engine Specifications	2401	8-26063
Cylinder Head and Valve Train	2415	8-26073
Cylinder Block	2425	8-28084
Lubrication System	2445	8-26093
Cooling System	2455	8-26103
Turbocharger	2465	8-26110
Turbocharger Failure Analysis	2565	9-78235
Fuel System		
Tab 3		
Section Index - Fuel System		8-19210
Fuel System and Filters	3410	8-26131
Fuel Injection Pump - CAV	3411	8-97711
Fuel Injection Pump - Bosch	3412	8-26143
Fuel Injectors	3413	8-26152
Electrical		
Tab 4		
Section Index - Electrical		8-19220
Electrical Specifications, Troubleshooting and Schematic	4001	8-19230
Starter and Starter Solenoid	4002	8-73830
Batteries	4003	8-11361
Instrument panel and Gauges	4004	8-19020
Alternator	4009	8-16570
Track		
Tab 5		
Section Index - Track		8-14520
Undercarriage Fundamentals	5001	8-99830
Inspection of Track System Components	5501	8-19160
Case Lubricated Track	5504	8-14531
Sealed Track and Track Frame	5506	8-14541
Idler, Track Adjuster and Recoil Housing	5508	8-14550
Sprocket	5509	8-19240
Carrier Roller	5510	8-14570
Track Roller	5511	8-14580

Reprinted



850E/855E Crawler
Service Manual

Table of Contents

Description	Section No.	Form No.
Power Train	Tab 6	
Section Index - Power Train		8-14590
Specifications, Schematic and Troubleshooting	6002	8-19030
Torque Converter and Torque Converter Housing	6006	8-14610
Transmission Control Valve	6007	8-19040
Modulator Valve	6008	8-19050
Transmission	6016	8-19061
Final Drive	6017	8-14641
Brakes	Tab 7	
Section Index - Brakes		8-19070
Removal and Installation of Brake Valve and Removing Air from the Brake System	7001	8-19080
Brake Valve	7002	8-19090
Brakes	7003	8-19101
Hydraulics	Tab 8	
Section Index - Hydraulics		7-43890
Removal and Installation of Control Valves and Pump	8001	7-44640
Specifications, Troubleshooting and Schematics	8002	8-19250
Cleaning the Hydraulic System	8003	8-14710
Equipment Pump	8005	8-14720
Loader Control Valve	8006	8-19260
Dozer Control Valve	8007	8-19300
Cylinders	8008	8-19271
Backhoe Control Valve	8009	7-43860
Stabilizer Control Valve	8010	7-43870
Mounted Equipment	Tab 9	
Section Index - Mounted Equipment		8-19280
Pedals and Levers	9000	8-19290
Air Conditioning Troubleshooting	9001	8-18910
Discharging and Charging Air Conditioning System	9002	8-19310
Air Conditioning Compressor and Clutch	9003	8-19320
Loader	9004	8-19330
Dozer Blade	9005	8-19340
Backhoe	9006	7-34880
Ripper	9031	8-14780
ROPS Cab and Canopy	9061	8-19350
Suspension Seat	9063	7-43910

Section 1001

STANDARD TORQUE SPECIFICATIONS

CASE CORPORATION
700 State Street
Racine, WI 53404 U.S.A.

CASE CANADA CORPORATION
3350 South Service Road
Burlington, ON L7N 3M6 CANADA

Rac 8-71601

© 1994 Case Corporation
Printed in U.S.A.
Issued November, 1991

TABLE OF CONTENTS

TORQUE SPECIFICATIONS - DECIMAL HARDWARE 2


TORQUE SPECIFICATIONS - METRIC HARDWARE 3


TORQUE SPECIFICATIONS - STEEL HYDRAULIC FITTINGS 4

TORQUE SPECIFICATIONS - STEEL HYDRAULIC FITTINGS 5

TORQUE SPECIFICATIONS - DECIMAL HARDWARE

Use the torques in this chart when special torques are not given. These torques apply to fasteners with both UNC and UNF threads as received from suppliers dry, or when lubricated with engine oil. Not applicable if special graphities, Molydisulfide greases, or other extreme pressure lubricants are used.

Grade 5 Bolts, Nuts, and Studs		
		
Size	Pound-Inches	Newton metres
1/4 inch	108 to 132	12 to 15
5/16 inch	204 to 252	23 to 28
3/8 inch	420 to 504	48 to 57
Size	Pound-Feet	Newton metres
7/16 inch	54 to 64	73 to 87
1/2 inch	80 to 96	109 to 130
9/16 inch	110 to 132	149 to 179
5/8 inch	150 to 180	203 to 244
3/4 inch	270 to 324	366 to 439
7/8 inch	400 to 480	542 to 651
1.0 inch	580 to 696	787 to 944
1-1/8 inch	800 to 880	1085 to 1193
1-1/4 inch	1120 to 1240	1519 to 1681
1-3/8 inch	1460 to 1680	1980 to 2278
1-1/2 inch	1940 to 2200	2631 to 2983

Grade 8 Bolts, Nuts, and Studs		
		
Size	Pound-Inches	Newton metres
1/4 inch	144 to 180	16 to 20
5/16 inch	288 to 348	33 to 39
3/8 inch	540 to 648	61 to 73
Size	Pound-Feet	Newton metres
7/16 inch	70 to 84	95 to 114
1/2 inch	110 to 132	149 to 179
9/16 inch	160 to 192	217 to 260
5/8 inch	220 to 264	298 to 358
3/4 inch	380 to 456	515 to 618
7/8 inch	600 to 720	814 to 976
1.0 inch	900 to 1080	1220 to 1465
1-1/8 inch	1280 to 1440	1736 to 1953
1-1/4 inch	1820 to 2000	2468 to 2712
1-3/8 inch	2380 to 2720	3227 to 3688
1-1/2 inch	3160 to 3560	4285 to 4827

NOTE: Use thick nuts with Grade 8 bolts.

Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com