

SERVICE MANUAL
QUADTRAC TRACTOR

9370
9380
9390

8-83394

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

TYPE 1-4

SERVICE MANUAL
QUADTRAC TRACTOR

9370
9380
9390



8-83394

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

TYPE 1-4

SERVICE MANUAL
QUADTRAC TRACTOR

9370
9380
9390

PDF  **DOWNLOAD** 

8-83394

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

TYPE 1-4

SERVICE MANUAL
QUADTRAC TRACTOR

9370
9380
9390

8-83394

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

TYPE 1-4

9370, 9380, 9390 and Quadtrac Tractor Service Manual

Table of Contents

General	Section	Form No.
Loctite Product Chart		8-98902
General Information and Specifications	1003	7-65420
 Engine		
Engine Removal - 9370, 9380	2001	8-83900
 Fuel System		
Fuel System and Filters	3001	8-83620
 Electrical		
Wiring Schematic and Troubleshooting	4001	8-83240
Starting Motor - Delco Remy Series 42-MT	4002	8-83490
Battery Servicing and Testing	4003	8-83530
Delco 21-SI Alternator Testing and Repair	4014	8-83450
Wiring Schematic and Troubleshooting - Quadtrac	4015	8-84030
 Steering		
Tilt/Telescoping Steering Column	5001	8-83470
"Wide Angle" Steering Control Unit	5002	8-83790
Steering Priority Valve - 9370, 9380, 9390 and Quadtrac	5004	8-83760
 Power Train		
Powershift Transmission Removal - 9370, 9380, 9390	6001	8-83910
PTO Driveline Hanger Bearing	6002	8-83720
EW-16 Powershift Transmission Service	6004	8-83410
PTO Drive Unit Repair	6005	8-83420
Rear Driveline Support Bearing	6006	8-83710
PTO Drop Box Unit Repair	6008	8-83440
Differential Lock Electric Shift Motor Testing & Repair	6009	8-82651
694-60/70 and 694-62/72 Raba Axle Repair	6010	8-83120
Charge Pump Repair EW-16 Powershift HM-2 and HM-24 SynchroShift Transmission	6014	8-83460
Axle Repair - Quadtrac Model Tractors	6015	8-83960
Rear Axle Cooling (Quadtrac)	6016	8-83970
Axle Removal and Installation - Quadtrac	6017	8-83980

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

CASE CANADA CORPORATION
3350 SOUTH SERVICE ROAD
BURLINGTON, ON L7N 3M6 CANADA

Reprinted

Rac 8-83394

© 1998 Case Corporation
Printed in U.S.A.
May, 1997 (Revised November, 1998)

Power Train (Cont'd)

Differential Pinion Seal Replacement (in tractor) Quadtrac	6018	8-84000
Track and Undercarriage - Quadtrac	6019	8-83990
HM-2 and HM-24 SynchroShift Transmission Pressure Testing	6021	8-83270
HM-2 and HM-24 SynchroShift Transmission Removal.....	6022	8-83260
12 Speed SynchroShift and 24 Speed HI-LO SynchroShift Transmission Repair	6023	8-83020

Brakes

Dual Stage Master Cylinder	7001	8-83310
Caliper Disc Brake System	7002	8-83330
Single Stage Master Cylinder	7003	8-83320

Hydraulic System

Hydraulic Troubleshooting and Schematic - 9370, 9380	8000	8-83190
Remote Control Valve	8001	8-83750
Hydraulic Piston Pump	8002	8-83650
Hydraulic Gear Pump	8003	8-83660
Hitch Valve	8005	8-84050
Hydraulic Filters	8006	8-83630
Electronic Hitch Calibration	8009	8-83170
Hydraulic Gear Pump - 9390.....	8010	8-84020
Hydraulic Troubleshooting and Schematics - 9390	8011	8-84011
Hydraulic Troubleshooting and Schematics - Quadtrac	8012	8-84040
TPH Valve	8013	7-85380
Axle Lubrication and Brake Circuit Troubleshooting (Quadtrac).....	8014	7-87860

Chassis

Cab Removal and Installation	9001	8-83860
Center Hinge Bearings and Connecting Link.....	9002	8-83590
Drawbar Removal	9003	8-83520
Radiator Removal - 9370, 9380	9004	8-83920
Hood and Grille - 9370, 9380, 9390	9005	8-83930
HVAC System.....	9006	8-83550
Air Conditioner System - Refrigerant Recovery, System Evacuation and Recharging	9007	8-83560
Air Conditioner Compressor.....	9008	8-83640
Mechanical Seat	9009	8-83480
Deluxe Air Seat	9010	8-83940
Weighting the 4WD Tractor	9017	8-83040

LOCTITE PRODUCT CHART

Product	Color	Similar Products	Gap (In Inches)	Strength (Steel/Steel)	Working Temperature Range-Fahrenheit	Fixture/Full Cure (Steel/Steel) Time	Primer	Description
#3	Dark Brown					24 hr	N/A	Form a Gasket (works with oil, fuel or grease) Platable
80	Yellow					Fast	N/A	Weatherstrip Adhesive
123	Clear					N/A	N/A	Parts Cleaner Fluid
220	Blue	290	0.003	57/143 in lbs	-65 to +250	6 min/24 hrs	747	Wicking Threadlocker
221	Purple	222	0.005	75/44 in lbs	65 to +300	2 min/24 hrs	747	Low Strength Threadlocker
222	Purple		0.005	53/30 in lbs	-65 to +300	20 min/24 hrs	764	Low Strength Threadlocker (Small Screws)
225	Brown	222	0.010	45/25 in lbs	65 to +300	7 min/24 hrs	747	Low Strength Threadlocker
242	Blue		0.005	80/50 in lbs	-65 to +300	10 min/24 hrs	764	Medium Strength Threadlocker
262	Red	271	0.005	160/190 in lbs	65 to +300	5 min/24 hrs	747	High Strength Threadlocker
270	Green	271	0.007	160/320 in lbs	-65 to +300	3 min/24 hrs	747	High Strength Threadlocker
271	Red	262	0.007	160/320 in lbs	65 to +300	10 min/24 hrs	764	High Strength Threadlocker
272	Red	620	0.007	180/220 in lbs	-65 to +450	30 min/24 hrs	764	High Temperature, High Strength
275	Green	277	0.010	210/300 in lbs	65 to +300	3 min/24 hrs	747	High Strength Threadlocker
277	Red		0.010	225/300 in lbs	-65 to +300	60 min/24 hrs	764	High Strength Threadlocker
290	Green		0.003	85/350 in lbs	65 to +300	6 min/24 hrs	764	Wicking Threadlocker
*404	Clear	495	0.006	3200 psi	-65 to +180	30 sec/24 hrs	NA	Instant Adhesive
*406	Clear		0.004	3200 psi	65 to +180	15 sec/24 hrs	N/A	Surface Insensitive Adhesive
*409	Clear	454	0.008	2500 psi	-65 to +180	50 sec/24 hrs	N/A	Gel Instant Adhesive
*414	Clear		0.006	2500 psi	65 to +180	30 sec/24 hr	N/A	Instant Adhesive
*415	Clear	454	0.010	2500 psi	-65 to +180	50 sec/24 hrs	N/A	Gap Filling Instant Adhesive (Metals)
*416	Clear	454	0.010	2500 psi	65 to +180	50 sec/24 hrs	N/A	Gap Filling Instant Adhesive (Plastics)
*420	Clear		0.002	2500 psi	-65 to +180	15 sec/24 hrs	N/A	Wicking Instant Adhesive
*422	Clear	454	0.020	2800 psi	65 to +180	60 sec/24 hrs	N/A	Gap Filling Instant Adhesive
*430	Clear		0.005	2500 psi	-65 to +180	20 sec/24 hrs	N/A	Metal Bonding Adhesive
*445	White/Black		0.250	2000 psi	65 to +180	5 min/24 hrs	N/A	Fast Setting 2 Part Epoxy
*454	Clear		0.010	3200 psi	-65 to +180	15 sec/24 hrs	N/A	Surface Insensitive Gen Instant Adhesive
*495	Clear		0.004	2500 psi	-65 to +180	20 sec/24 hrs	N/A	General Purpose Instant Adhesive
*496	Clear		0.005	2500 psi	-65 to +180	20 sec/24 hrs	N/A	Metal Bonding Adhesive
504	Brt Orange	515	0.030	750 psi	65 to +300	90 min/24 hrs	None	Rigid Gasket Eliminator
509	Light Blue		0.020	750 psi	-65 to +320	6 hr/72 hrs	764	Flange Sealant
510	Red		0.020	1000 psi	-65 to +400	30 min/24 hrs	764	High Temperature, Gasket Eliminator
515	Purple		0.010	750 psi	-65 to +300	1 hr/24 hrs	764	Gasket Eliminator 515

Rac 8-98902 * Products 404-496 (except for #445) are all instant adhesives (super glues) they differ mostly in viscosity

Printed in U.S.A.

LOCTITE PRODUCT CHART

Product	Color	Similar Products	Gap (In Inches)	Strength (Steel/Steel)	Working Temperature Range-Fahrenheit	Fixture/Full Cure (Steel/Steel) Time	Primer	Description
518	Red	515	0.030	500psi	-65 to +300	1hr/24 hrs	764	Gasket Eliminator 518 for Aluminum
542	Brown	569	N/A	132/92 in lbs	-65 to +300	2 hr/24 hrs	747	Hydraulic Sealant
545	Purple		N/A	25/20 in lbs	-65 to +300	4 hr/24 hrs	747	Low Strength Pneumatic/Hydraulic Sealant
549	Orange	504	0.020	2500 psi	-65 to +300	2 hr/24 hrs	747	Instant Seal Plastic Gasket
554	Red	277	0.015	240/240 in lbs	-65 to +300	2 to 4 hrs/24 hrs	764	Refrigerant Sealant
567	White	592	N/A	500 psi	-65 to +400	4 hrs/24 hrs	764	Pipe Sealant for Stainless Steel
568	Orange	277	0.015	2500 psi	-65 to +300	12 hrs/24 hrs	764	Plastic Gasket
569	Brown	545	0.010	40/25 in lbs	-65 to +300	1 hr/24 hrs	764	Hydraulic Sealant
570	Brown	592	N/A	25/40 in lbs	-65 to +300	6 hrs/72 hrs	764	Steam Sealant
571	Brown	592	0.015	40/20 in lbs	-65 to +300	2 to 4 hrs/24 hrs	764	Pipe Sealant
572	White	578.575	N/A	80/27 in lbs	-65 to +300	24 hrs/72 hrs	None	Gasketing
592	White		0.020	500 psi	-65 to +400	4 hrs/72 hrs	736	Pipe Sealant with Teflon
593	Black		0.250	400 psi	-95 to +400	30 min/24 hrs	N/A	RTV Silicone
601	Green	609	0.005	3000 psi	-65 to +300	10 min/24 hrs	764	Current PIN #609
609	Green		0.005	3000 psi	-65 to +300	10 min/24 hrs	764	General Purpose Retaining Compound
620	Green	640	0.015	3000 psi	-65 to +450	30 min/24 hrs	747	High Temperature Retaining Compound
635	Green	680	0.010	4000 psi	-65 to +300	1 hr/24 hrs	747	High Strength Retaining Compound
638	Green	680	0.015	4100 psi	-65 to +300	10 min/24 hrs	747	High Strength Retaining Compound
640	Green	620	0.007	3000 psi	-65 to +400	1 hr/24 hrs	747	High Temperature Retaining Compound
660	Silver		0.020	3000 psi	-65 to +300	20 min/24 hrs	764	Quick Metal
675	Green	609	0.005	3000 psi	-65 to +300	20 min/24 hrs	747	General Purpose Retaining Compound
680	Green	635	0.015	4000 psi	-65 to +300	10 min/24 hrs	747	High Strength Retaining Compound
706	Clear	755	N/A	N/A	N/A	N/A	N/A	Cleaning Solvent
707	Amber		N/A	N/A	N/A	N/A	N/A	Activator for Structural Adhesives
736	Amber		N/A	N/A	N/A	N/A	N/A	Primer NF
738	Amber		N/A	N/A	N/A	N/A	N/A	Depend Activator
747	Yellow	N/A	N/A	N/A	N/A	N/A	N/A	Primer T
751	Clear		N/A	N/A	N/A	N/A	N/A	Activator for Structural Adhesives
755	Clear		N/A	N/A	N/A	N/A	N/A	Cleaning Solvent
764	Green		N/A	N/A	N/A	N/A	N/A	Primer N
767	Silver		N/A	N/A	-65 to +1600	N/A	N/A	Anti-Seize Lubricant



Thank you very much
for your reading.
Please click here
to get more information.