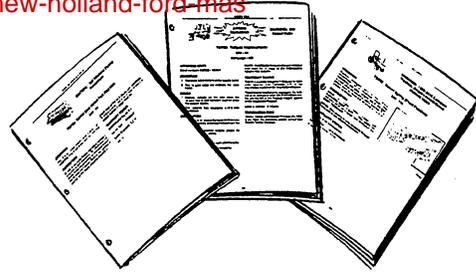


Product: New Holland Ford Master Index Service Bulletin 3-88 to 3-98 Manual  
Full Download: <https://www.arepairmanual.com/downloads/new-holland-ford-master-index-service-bulletin-3-88-to-3-98-manual/>



# Service Bulletins 3-88 to 3-98

# MASTER INDEX



Sample of manual. Download All 186 pages at:

<https://www.arepairmanual.com/downloads/new-holland-ford-master-index-service-bulletin-3-88-to-3-98-manual/> **Reprinted**

## **MASTER DEALER SERVICE BULLETIN INDEX**

### **SERVICE BULLETIN INDEX FOR ALL FORD/NEW HOLLAND/VERSATILE PRODUCTS**

**ISSUE DATE:- 2/16/98**

- SERVICE BULLETINS:- 3-88 to 3/98
- INCLUDES TECH-COM TRAINING PUBLICATION :- 1987 - 1997 (I.E. 9708)

### **INDEX**

- 1- 1000 SERIES, BOOMER PRODUCTS
- 2- 3/4 CYL. AGR. 30 SERIES TRACTORS
- 3- NARROW & HIGH CLEARANCE AGR.
- 4- 10S SERIES TRACTORS
- 5- 35 SERIES TRACTORS
- 6- 40 SERIES TRACTORS
- 7- 60 SERIES TRACTORS
- 8- 8210/TW'S/8030 SERIES TRACTORS
- 9- BIDIRECTIONAL PRODUCTS
- 10- 70 SERIES TRACTORS
- 11- LARGE FWD TRACTORS
- 12- AGR. & IND. EQUIPMENT PRODUCTS
- 13- INDUSTRIAL TRACTORS
- 14- CONSUMER PRODUCTS
- 15- HAY CUTTING & HANDLING PRODUCTS
- 16- DISCBINES
- 17- HAYBINES
- 18- SELF PROPELLED HAYBINES
- 19- SQUARE BALERS & THROWERS
- 20- BALE WAGON PRODUCTS
- 21- LARGE SQUARE BALERS & ACCUMULATORS
- 22- ROUND BALERS
- 23- PULL TYPE FORAGE PRODUCTS
- 24- SELF PROPELLED FORAGE PRODUCTS
- 25- SPEEDROWERS & WINDROWERS
- 26- COMBINES/SWATHER/HEADER PRODUCTS
- 27- SKID STEER LOADERS
- 28- MATERIAL HANDLING PRODUCTS
- 29- GENERAL BULLETIN INFORMATION FOR EQUIPMENT

# 1000 SERIES TRACTOR

MOD#	DETAILS	ISSUE #	PAGE
<b>ASS'Y./ADJUSTMENT/OP LOADERS</b>			
7308	FARM LOAD FRONT MOUNT	11 / 97	43
<b>ATTACHMENT</b>			
COMM. MOWERS	REFERRAL ATTACHMENTS - PARTS AND SERVICE - COMMERCIAL MOWERS	10 / 95	5
<b>ATTACHMENT / BACKHOES</b>			
758B:	REINFORCED LOWER LINK PIN AND HOE SUBFRAME ON 1920 TRACTORS ANNOUNCED	3 / 91	35
<b>ATTACHMENT / LOADERS</b>			
7106-7108:	CORRECT HYD. NOISE WHEN LOWERING LOADER BY RELOCATING DROP RESTRICTOR	7 / 93	43
7106-7109:	CORRECTING BUCKET OR LIFT CIRCUIT HYD. LOCK-UP. ALSO SEE S/B 1/95	7 / 93	41
7108Q:	ADDITIONAL WELDING REQ'D. TO PREVENT BOOM FROM TWISTING CAMP 2	6 / 88	10
7109:	ON 2120-3415; ADD BUCKET STOPS TO CORRECT CYLINDER DAMAGE	1 / 91	44
ALL UNITS:	NEW 2-SPOOL REMOTE VALVES & REGENERATIVE VS. NON-REGENERATIVE SPOOLS	1 / 95	30
<b>ATTACHMENT / MOWERS</b>			
914:	48" & 60"; INSTALL BREATHER, AUB141220, TO CORRECT GEAR BOX SEAL LEAKAG	11 - 12 / 92	8
914:	FRONT MOUNTING BRACKET MOD. REQ.D. TO FIT LATCH PIN W/60" ON 1320/1520	8 / 90	59
914:	NEW 60" MOWER FOR 1320-1620 HAS PIVOT SHAFT TABS FORWARD ON PIVOT BRACK	4 / 93	22
914:	REVISED BLADE SPINDLE BELT TIGHTENING SPECS. PUBLISHED	6 / 92	3
916B:	USE OF CORRECT DRIVE PARTS TO PREVENT PTO DRIVELINE FAILURES	6 / 90	69
<b>ATTACHMENT / SNOW THROWER</b>			
715A:	CORRECTION FOR LIFT CYL. TO 1320/1520 FRAME INTERFERENCE OUTLINED	1 / 91	43
715A:	CORRECTING LIFT CYL. TO FRAME INTERFERENCE ON 1320/1520	1 / 91	43
<b>AXLES / FRONT WHEEL ASSIST</b>			
1110-2120:	FORMULA TO DETERMINE CORRECT TIRE COMBINATIONS W/FWA	12 / 89	27
1310-1715:	FNH00293 TOOL FROM OWATONNA TO INSTALL FWD & REAR AXLE CASSETTE SEALS	1 / 94	17
1720-2120:	CAUSE/CORRECTION FOR FWA GEAR JUMP OUT FROM DRIVELINE WRAP-UP	2 / 93	17
1720:	KIT TO CORRECT FWD ENGAGEMENT LINKAGE/CASE FAILURES ANNOUNCED CAMP 3	9 / 89	19
<b>AXLES / REAR</b>			
1310-1715:	FNH00293 TOOL FROM OWATONNA TO INSTALL FWD & REAR AXLE CASSETTE SEALS	1 / 94	17
1320-1520:	DIFF. SPIDER GEAR RETAINING RING DISLODGES FROM OVERSPEEDING.(I.E.TOWIN	7 / 92	37
1320-1520:	REAR TRANS. CASE REINFORCED TO PREVENT DAMAGE FROM PTO END LOADING	5 / 92	39
1320-1520:	DIFF. SPIDER GEAR RETAINING RING DISLODGES.CORRECTED EFF.1520 S/N UH249	7 / 92	37
<b>BACKHOE / FRAME COMPONENTS</b>			
758B BACKHOE	HANGER/HYDRAULIC KIT - 758B BACKHOE	12 / 95	58
<b>CENTER HOUSINGS</b>			
1920:	CENTER HOUSING REINFORCEMENT KIT. ALSO SEE S/B 6-88, Pg.9 CAMP 2	3 / 88	4
1920:	INSTRUCTIONS TO DISREGARD CAMP 293 DUE TO LACK OF DURABILITY	6 / 88	9
<b>CENTER HOUSINGS GASKETS / SEALS</b>			
COMPACT TRAC.	TRANSMISSION AND AXLE SEALANT - COMPACT TRACTORS	8 / 95	91
<b>CLUTCHES &amp; CLUTCH LI</b>			
1910-2110:	MORE DURABLE CLUTCH DISC ANNOUNCED	2 / 92	28

## 1000 SERIES TRACTOR

MOD#	DETAILS	ISSUE #	PAGE
2120:	DETAILED DUAL CLUTCH VALVE KIT LINKAGE ADJUSTMENTS SHOWN	8 / 91	7
2120:	DUAL CLUTCH VALVE KIT FOR REVISED PTO OPERATION W/HSS TRANS. ANNOUNCED	1 / 91	49
TECH-COM	#034/08-89: 1720/1920 SYNCHRO. SHUTTLE SHIFT DOUBLE CLUTCH DETAILS	/ 89	
<b>CONTROLS &amp; LINKAGES</b>			
1120-2120:	CORRECTION FOR BINDING TWO-SPOOL REMOTE VALVE LINKAGE OUTLINED	11 - 12 / 90	47
1720:	KIT TO CORRECT FWD ENGAGEMENT LINKAGE/CASE FAILURES ANNOUNCED      CAMP 3	9 / 89	19
<b>CONTROLS &amp; LINKAGES FUEL SYSTEM</b>			
1320 - 2120	HAND THROTTLE CABLE 1320 TO 2120 AND 1715 TO 3415 COMPACT TRACTORS	4 / 95	38
<b>DRAWBAR                      COMPATABILITY</b>			
757C BACKHOE	COMPATIBILITY WITH 1715 TRACTORS	7 / 97	64
<b>ELECTRICAL SYSTEMS</b>			
1110-2120:	SBA385609360 WIRES REQ'D. TO INSTALL SBA385230220 REPLACEMENT START REL	6 / 94	55
1120-3415:	BIMETAL FLASHER RELAY REPLACED W/TRANSISTOR TYPE FOR IMPROVED DURABILIT	5 / 94	43
1720-3415:	USE SBA385201242 NEUTRAL START SWITCH TO REPLACE WATER CONTAMINATED PAR	5 / 94	45
35 SERIES TRAC	OPERATOR PRESENCE WARNING SYSTEM	12 / 96	71
COMPACT TRAC.	REAR WORK LIGHT - COMPACT TRACTORS	9 / 95	29
TECH-COM	#027/06-88: TROUBLESHOOTING THE 20 SERIES ELECTRICAL SYSTEM	/ 88	
TECH-COM	#9706: BOOMER TRACTOR ELECTRICAL	/ 97	6
<b>ENGINE                      AIR INDUCTION, TURBO, E</b>			
1920-3415:	REINFORCED MUFFLER TO CORRECT CRACKING AT MANIFOLD PIPE TO MUFFLER BASE	1 / 94	18
2120 - 3415	HORIZONTAL EXHAUST - 2120 AND 3415 TRACTORS	8 / 95	82
<b>ENGINE                      CONNECTING RODS/PISTO</b>			
1110-1210:	CORRECTION FOR PISTON & ROD ASS'Y. IN BLOCK FOR S/M #42111020	7 / 92	11
1520-1920:	SUPPLEMENTAL PISTON RING INSTALLATION INSTRUCTIONS	1 / 93	31
1910-2110:	CORRECT INSTALLATION OF ENGINE PISTON RINGS ILLUSTRATED	8 / 91	11
3-CYLINDER	CONNECTING RODS/PARTS INFORMATION	8 / 95	79
<b>ENGINE                      COOLING SYSTEM</b>			
1120-1215:	REMOVE FAN TO WATER PUMP PULLEY SPACER FOR ADDED CLEARANCE.      CAMP 6	12 / 94	7
1120-2120:	LACK OF POWER & BLUE SMOKE CORRECTED W/NEW THERMOSTAT	6 / 90	14
1500-1900:	CORRECT S/M TO SHOW WATER PUMP PULLEY AT DIMENSION 7.5" NOT 6.6"	4 / 93	27
TECH-COM	#9205: TROUBLESHOOTING & REPAIRING ANY COOLING SYSTEM FROM OVERHEATING	/ 92	
<b>ENGINE                      CRANKSHAFT/BALANCER</b>			
2120:	INSPECT/REPAIR MISALIGNED BUSHINGS IN ENGINE DYNAMIC BALANCER      CAMP 3	12 / 88	21
2120:	ENGINE DYNAMIC BALANCER IMPROVEMENTS ANNOUNCED	4 / 91	38
<b>ENGINE                      FILTRATION SYSTEM</b>			
1320 - 1720	ENGINE BREATHER FILTER	11 / 95	66
1320-3415:	AIR PRECLEANER KITS AVAILABLE FROM WHOLEGOODS	1 / 94	19
<b>ENGINE                      FUEL INJECTION SYSTEM</b>			
1000 SERIES:	REPLACE COMPLETE "DIESEL KIKI" PUMPS FOR FAILURES DURING WARRANTY	5 / 93	50
1110-1210:	ENGINE & FUEL SECTION CORRECTIONS FOR S/M #42111020	7 / 92	11

## 1000 SERIES TRACTOR

MOD#	DETAILS	ISSUE #	PAGE
1320-1520:	CORRECTION TO SERVICE MANUAL INJECTOR PRESSURE SPECS. PUBLISHED	9 / 90	21
1320-1720:	CORRECTION TO S/M TO USE 1/2" X 22 MM DEEP SOCKET TO REMOVE INJECTOR	4 / 93	35
2120:	LOW SPEED SURGING. DISREGARD INFO. & INSTALL LINES, SBA 1K4336071 INSTE	6 / 90	15
<b>ENGINE FUEL SYSTEM</b>			
	DIESEL FUEL CONDITIONER #251202 INFORMATION	1 / 91	4
ALL UNITS:	REDUCED LUBRICATION CONCERN WITH LOW-SULPHUR DIESEL FUEL. ALSO S/B 5/94	2 / 94	5
<b>ENGINE GENERAL SYSTEMS</b>			
1120 - 1720	ENGINE TIMING MARKS - 1120, 1720, LGT14-16D, 222, 224, 272, AND 274 C.M	8 / 95	80
1120-2120:	LACK OF POWER & BLUE SMOKE CORRECTED W/NEW THERMOSTAT	6 / 90	14
2120:	LOW SPEED SURGING. DISREGARD INFO. & INSTALL LINES, SBA 1K4336071 INSTE	6 / 90	15
<b>ENGINE HEAD</b>			
1110-2110:	CYLINDER HEAD TORQUES & TORQUING PATTERN OUTLINED	12 / 88	7
1120 - GT75	HEAD GASKET CHANGES	5 / 96	46
1710:	USE #SBA012109231 ROCKER STUDS FOR NEW HEAD WHEN ORIGINAL STUDS DON'T F	8 / 93	43
<b>ENGINE OIL SYSTEM</b>			
1120-1920:	ENGINE OIL PUMP SHIMMING PROCEDURE & OIL FLOW CHARTS. R/B S/B 8/92 Pg.	2 / 92	22
1120-1920:	PROPER SHIMMING PROCEDURE FOR ENGINE OIL PUMP & OIL FLOW CHARTS	8 / 92	56
1120-2120:	ENGINE OIL FLOW CHARTS. ALSO SEE CHARTS IN S/B 8/92 Pg.	2 / 92	25
1320-1720:	ADD FNH00117 TO S/M Pg.17, FIG. 45 FOR ENGINE OIL PUMP PORT ALIGNMENT	9 / 93	24
1320-3415:	USE PROPER #FNH00117 TOOL W/FNH11044 PINS TO ALIGN OIL PUMP PORTS	5 / 94	42
1920-2120:	CORRECT S/M TO SHOW ENGINE OIL PUMP PORT INSTALLATION TOOL AS FNH11063	9 / 93	24
3415 TRACTOR	ENGINE OIL CRANKCASE CAPACITY - 3415 TRACTOR	4 / 96	64
<b>ENGINE TORQUE SPECIFICATIONS</b>			
1110-2110:	CYLINDER HEAD TORQUES & TORQUING PATTERN OUTLINED	12 / 88	7
<b>ENGINE VALVES / VALVE SYSTEMS</b>			
1000-2120:	MISSING BALL IN ROCKER ARM CAUSES OIL BLOW-BY FROM BREATHER TUBE	11 / 94	53
1110-1210:	ENGINE & FUEL SECTION CORRECTIONS FOR S/M #42111020	7 / 92	11
<b>HYDRAULIC</b>			
1320 - 1520	HYDRAULIC NOISE - 1320, 1520, 1715 TRACTORS WITH 9 X 3 TRANSMISSION	12 / 95	69
<b>HYDRAULIC LIFT SYSTEM</b>			
1320-1715:	CORRECT TOP LINK DRAFT CONTROL MAIN SPRING LENGTH = 2.75"	5 / 94	49
1320-3415:	NEW VALVE, #SBA340015140, PROVIDES 1/4" LIFT RAISE INCREMENTS VS. 2"	5 / 94	44
<b>HYDRAULIC PUMPS/MOTORS</b>			
3415:	CORRECT HYD. PUMP OUTPUT IS 7.1 GPM @ 2200 RPM	8 / 93	45
<b>HYDRAULIC REMOTE VALVES &amp; MANIF</b>			
1000-2110:	HYD. MANIFOLD BLOCKS TO PROVIDE POWER BEYOND OIL FOR EARLIER MODELS	7 / 92	36
1120-2120:	NEW-STYLE 3/8" HYDRAULIC COUPLERS & 3/8" TO 1/2" ADAPTER ANNOUNCED	9 / 92	28
1120-2120:	CORRECTION FOR BINDING TWO-SPOOL REMOTE VALVE LINKAGE OUTLINED	11 - 12 / 90	47
1120-2120:	INSTALLATION INSTRUCTIONS FOR FRONT REMOTE VALVE KITS SHOWN	10 / 90	51
1120-2120:	5/16" WASHER IN REMOTE VALVE END CAP PREVENTS FLOAT KICK-OUT	5 / 93	38

## 1000 SERIES TRACTOR

MOD#	DETAILS	ISSUE #	PAGE
1120-3415:	NEW 2-SPOOL REMOTE VALVES & REGENERATIVE VS. NON-REGENERATIVE SPOOLS	1 / 95	30
1120-3415:	CORRECTING BUCKET OR LIFT CIRCUIT HYD. LOCK-UP. ALSO SEE S/B 1/95	7 / 93	41
1220-3415:	USE SPRING, SBA398215020, IN R/C END CAP TO PREVENT FLOAT KICK-OUT	8 / 94	86
TECH-COM	#9109: 20 SERIES TRACTOR AUXILIARY HYDRAULIC SYSTEMS REVIEWED	/ 91	
<b>HYDRAULIC SYSTEMS</b>			
1120-1520:	MORE DURABLE OIL COOLER CIRCUIT HOSES FOR HYDRO. TRANS. ANNOUNCED	2 / 90	32
ALL UNITS:	O-RING CROSS REFERENCE CHART W/DIMENSIONAL DETAILS OUTLINED	9 / 91	10
<b>HYDRAULIC VALVES / VALVES HEADS</b>			
COMPACT TRACTO	DETENT SPRING (KAYABA VALVE)	6 / 97	20
<b>MISC. ITEMS</b>			
1710:	BUCKLE-UP JOINT REINFORCING BRACKET, KIT# SML 38976 CAMP 3	9 / 89	18
1920-2120:	TIME SCHEDULE TO R & R PTO COUNTERSHAFT IN ONE-WAY CLUTCH IS 4.2/4.3 HR	8 / 90	11
<b>OIL COOLER/COOLER LI</b>			
1120-1520:	MORE DURABLE OIL COOLER CIRCUIT HOSES FOR HYDRO. TRANS. ANNOUNCED	2 / 90	32
<b>PTO SYSTEMS</b>			
1320-1520:	REAR TRANS. CASE REINFORCED TO PREVENT DAMAGE FROM PTO END LOADING	5 / 92	39
1320-2120:	BEARINGS ADDED TO ONE-WAY PTO CLUTCH TO PREVENT SLIPPAGE W/VERY HEAVY U	4 / 94	45
1715:	PARTS REQ'D. TO ADD MID PTO ON EARLY PROD. TRACTORS	6 / 93	44
1920-2120:	TIME SCHEDULE TO R & R PTO COUNTERSHAFT IN ONE-WAY CLUTCH IS 4.2/4.3 HR	8 / 90	11
2120:	DUAL CLUTCH VALVE KIT FOR REVISED PTO OPERATION W/HSS TRANS.	1 / 91	49
<b>PUBLICATIONS</b>			
1110-1210:	ENGINE & FUEL SECTION CORRECTIONS FOR S/M #42111020	7 / 92	11
<b>SEAT COMPONENTS</b>			
1320-2120:	HEAVIER SPRINGS FOR SEAT SUSPENSION INTRODUCED	5 / 90	80
<b>SHEET METAL / FASTEN</b>			
1720:	INSTALL PROPER #SBA350300350 GRILL ON 1720'S S/N UL33318-UL33550.CAMP 5	2 / 93	3
<b>STARTING SYSTEMS</b>			
1110-2120:	SBA385609360 WIRES REQ'D. TO INSTALL SBA385230220 REPLACEMENT START REL	6 / 94	55
1720-3415:	USE SBA385201242 NEUTRAL START SWITCH TO REPLACE WATER CONTAMINATED PAR	5 / 94	45
<b>STEERING SYSTEMS</b>			
1510-1710:	P/S PRIORITY VALVE OIL LEAKAGE CORRECTED. ALSO SEE S/B 10/90, Pg.	3 / 88	12
1510-1710:	P/S PRIORITY VALVE OIL LEAKAGE CORRECTED. ALSO SEE S/B 10/90, Pg.	6 / 88	8
1510-1710:	KIT TO CORRECT OIL LEAKAGE BETWEEN P/S PRIORITY VALVE & PUMP LISTED	10 / 90	52
1920:	PREVENT P/S LINE FLANGE CRACKING W/CHECK VALVE W/UNITS BELOW S/N UP2220	12 / 89	18
TECH-COM	#025/02-88: 20 SERIES HYDROSTATIC STEERING SYSTEM	/ 88	
<b>TIRES / WHEELS / WHEE</b>			
1000-2120:	CHART OF REPLACEMENT FIRESTONE TIRES.	11 - 12 / 92	49
1110-2120:	CHART OF PROPER TIRE BALLAST/WHEEL WEIGHTS/3-PT. C'BALANCE	12 / 89	29
2120 - 3415	REAR WHEEL DISC - 2120 AND 3415 TRACTORS	7 / 95	62
<b>TOOLS / SPECIAL</b>			



## 1000 SERIES TRACTOR

MOD#	DETAILS	ISSUE #	PAGE
311:	CAMP TO INSPECT/REPAIR MISALIGNED BUSHINGS IN 2120 ENGINE DYNAMIC BALANCER	12 / 88	21
348:	CAMP TO INSTALL REINFORCING BRACKET AT BUCKLE-UP JOINT ON 1710'S ANNOUNCED	9 / 89	18
351:	CAMP KIT FOR 1720'S W/FWD TO CORRECT FWD ENGAGEMENT LINKAGE/CASE FAILURES	9 / 89	19
577:	CAMP TO INSTALL PROPER #SBA350300350 GRILL ON 1720'S S/N UL33318-UL33550	2 / 93	3
630:	CAMP TO REMOVE FAN TO WATER PUMP PULLEY SPACER FOR ADDED CLEARANCE W/1120-12	12 / 94	7
<b>WARRANTY ADMINISTRATION</b>			
1000 SERIES:	REPLACE COMPLETE "DIESEL KIKI" PUMPS FOR FAILURES DURING WARRANTY	5 / 93	50
1920-2120:	TIME SCHEDULE TO R & R PTO COUNTERSHAFT IN ONE-WAY CLUTCH IS 4.2/4.3 HR	8 / 90	11
AUBURN:	DROP 1ST. CHARACTER OF S/N W/GRASS CATCHER, 930B, 914RD & 60" BLADE SAR	6 / 93	9

# BOOMER

MOD#	DETAILS	ISSUE #	PAGE
<b>AXLES                      OIL SYSTEM</b>			
BOOMER 25/30 S	FRONT AXLE OIL LEVEL	7 / 97	65
<b>ELECTRICAL SYSTEMS    COMPONENTS</b>			
1725 - 1925 TR	NEUTRAL START SWITCH	11 / 97	54
<b>HYDRAULIC                HOSES &amp; LINES</b>			
HYDRAULIC CONT	TIRE INTERFERENCE	9 / 97	122

**3/4 CYL. AGR.**

**2**

MOD#	DETAILS	ISSUE #	PAGE
<b>AIR CONDITIONING SYS</b>			
5610-6610:	ROUTING OF A/C HOSES TO PREVENT EXHAUST TUBE HEAT DAMAGE	1 / 90	27
5610-7710:	RADIAL "TEC" A/C COMPRESSOR DISCONTINUED & REPLACED W/SANDEN UNIT	1 / 91	58
5610-7710:	A/C/NOISE/RELIABILITY/FUEL ETC.IMPROVEMENTS.ALSO S/B 1/91,Pg.47 & 1/93,	3 / 88	4
5610-7710:	SANDEN A/C COMPRESSOR REPLACES "TEC" EFF. 9A31,SPECS. & SERVICING DETAI	12 / 89	15
5610-7710:	A/C WATER LEAKAGE CORRECTED W/NEW SEAL ON GEN. II CAB EVAPORATORS	6 / 88	4
5610-7710:	GEN.II; MORE DURABLE COPPER HEATER & A/C EVAPORATOR CORES ANNOUNCED	12 / 88	10
5610-7710:	REPLACEMENT SEALS FOR A/C COUPLERS RELEASED	5 / 90	76
5610-7710:	CORRECTION FOR NOISY SANDEN A/C COMPRESSOR OUTLINED	11 - 12 / 91	26
7610:	FRONT ENGINE PULLEY DRIVE CAN NOT BE INSTALLED ON A/C EQUIPPED TRACTORS	1 / 91	53
<b>AIR CONDITIONING SYS / CAMPAIGN PROGRAMS</b>			
PARTS	PARTS ORDERING FOR CAMPAIGN 713	4 / 96	28
<b>AIR CONDITIONING SYS SYSTEMS</b>			
5610-8210, 853	R12 TO R134A AIR-CONDITIONING REFRIGERANT RETROFIT	9 / 97	133
<b>ATTACHMENT / LOADERS</b>			
7109-7209:	ON 2810-4610; ADD BUCKET STOPS TO CORRECT CYLINDER DAMAGE	1 / 91	44
7209-7210:	CORRECTING BINDING VALVE LINKAGE & CYL. CREEP DOWN	11 - 12 / 90	40
7209-7413:	CORRECT CYL. VOIDING WHEN USING DELUXE REMOTES. ALSO S/B 1/91,Pg.	8 / 91	12
7209-7413:	RESTRICTOR FOR SPONGY LOADER CYLS. W/DELUXE REMOTES. ALSO S/B 8/91,Pg.	1 / 91	56
7209:	ON 3230-4630; MOD. TO MOUNTING BRACKET TO PREVENT OIL LINE INTERFERENCE	11 - 12 / 90	41
7210-7410:	ON 5610-7610; A/C LINES TO LOADER MOUNTING INTERFERENCE CORRECTED	9 / 90	19
7410-7410HD:	CORRECTING BINDING VALVE LINKAGE & CYL. CREEP DOWN	11 - 12 / 90	40
7412HD-7413:	USE #9861504 KIT TO UPGRADE 3-TINE GRAPPLE FORK #9617765 TO DOUBLE CYLS	4 / 93	23
<b>AXLES / FRONT</b>			
5610-6610:	IMPROVED WELDING OF TWO-WHEEL-DRIVE FRONT AXLE PIVOT BOSS ANNOUNCED	7 / 94	37
<b>AXLES / FRONT WHEEL ASSIST</b>			
2810-7710:	FWA AXLE SEAL LEAKAGE CAUSED BY PLUGGED BREATHER REPORTED	12 / 89	10
3230-4830:	NEW CASSETTE AXLE SEAL REPLACING LIP SEAL ANNOUNCED	6 / 91	33
3430-4830:	FRONT WHEEL DIFFERENTIAL ASS'Y. UPDATED & TORQUE SPECS. OUTLINED	4 / 92	30
5610-6610:	BELLEVILLE WASHERS REMOVED FROM LIMITED SLIP "CAR" DIFFERENTIAL	8 / 93	44
5610-7710:	W/FWA; STOP BOLTS ADDED TO CORRECT STEERING ARM FAILURE	8 / 90	65
5610-7710:	NEW CASSETTE AXLE SEAL REPLACING LIP SEAL ANNOUNCED	6 / 91	33
5610-7710:	EFF. DATE CODES FOR INTRODUCTION OF CARRARO AXLES & RATIO DETAILS	10 / 87	3
5610-7710:	FRONT WHEEL DIFFERENTIAL ASS'Y. UPDATED & TORQUE SPECS. OUTLINED	4 / 92	30
5610-7810:	IMPROVED SOLENOID VALVE W/FINE SCREEN FOR "CAR" AXLES ANNOUNCED	4 / 92	33
5610-7810:	BEARING SPACER INTRODUCED TO CORRECT DIFF. PINION NUT LOOSENING	8 / 90	45
7610 MUDDER:	ADD LOCTITE TO FWA DRIVESHAFT FLANGE BOLTS	CAMP 3	12 / 88
7610 MUDDER:	CORRECT PREMATURE FWD PLANETARY GEAR FAILURES W/NEW PARTS	CAMP 3	10 / 90
TECH-COM	#023/10-87: OPERATION/ADJUSTMENT/TROUBLESHOOTING 5610-8210 CARRARO FWD		/ 87

**3/4 CYL. AGR.**

MOD#	DETAILS	ISSUE #	PAGE
<b>AXLES / REAR</b>			
2810-4610:	USE S/M SE-3870 FOR SPECS. & REPAIRS OF REAR AXLE IN THESE UNITS	9 / 88	8
2810-7710:	PUT ADDITIVE, "FP-468", IN REAR AXLE/TRANS. OIL CAMP 3	9 / 89	10
2910-4830:	IMPROVED REAR AXLE SEAL INTRODUCED EFFECTIVE DATE CODE 1J10	4 / 92	31
3230-7710:	GRADE 8 BOLTS W/HIGHER TORQUE FOR RING GEARS ANNOUNCED	3 / 91	40
3230-7710:	NEW "134D" OIL SPECIFIED FOR R/A & TRANS. P/N'S. PUBLISHED	7 / 90	29
3430-5030:	#01A-7034 REAR AXLE BREATHER REPLACES BREATHER BOLTS EFF. 1/17/94	7 / 94	44
5610-7710:	SPLIT CLAMP TYPE PINION JAM NUT REPLACED W/2 JAM NUTS & LOCK TAB	12 / 89	5
5610-7710:	PINION SHAFT ASS'Y. UPDATES NECESSITATE MOD. TO FWA TRANSFER GEAR	12 / 89	6
5610-7710:	REVISIONS TO R/A FILL TUBE & REMOTE VALVE SUMP PIPEWORK OUTLINED	12 / 89	40
7610 MUDDER:	#FNH0002 TOOL FOR DROP TRUMPET AXLE NUT W/ADJUSTMENT INFORMATION	3 / 89	9
<b>BATTERIES</b>			
2810-7710:	BATTERY CARE IN STORAGE INFO.	6 / 94	48
5610-7710:	CORRECTING BATTERY DRAIN VIA RADIO. ****(CORRECTED INSTRUCTION	7 / 91	32
5610-7710:	CORRECTING BATTERY DRAIN VIA RADIO.THIS & S/B 1/91,50 R/B S/B 7/91,Pg.	8 / 90	63
<b>BATTERIES CHARGING SYSTEMS</b>			
3230 - 5030	#F865DSW REPLACEMENT BATTERY - 3230 - 5030 LESS CAB TRACTORS WITH 8 X 2	8 / 95	86
5610S - 7810S	NEW #F865DSW BATTERY AVAILABLE - 5610S, 6610S, 7610S, AND 7810S AG TRAC	8 / 95	85
<b>BRAKES</b>			
2000-7710:	BRAKE NOISE/CHATTER REDUCTION ADDITIVE P/N 251403 INTRODUCED	6 / 84	9
3230-7710:	NEW BRAKE PLATES/ACTUATORS FOR LESS NOISE/MORE DURABILITY SHOWN	9 / 90	29
5610-7710:	NEW PARTS & TROUBLESHOOTING PARKING BRAKE WARNING SWITCH SYSTEM	12 / 89	9
7610-7810:	*** ALSO REVIEW S/B 9/90, Pg. 29 FOR MORE INFO. ON BRAKE IMPROVEMENTS	5 / 90	81
7610-7810:	5 PLATE REPLACES 4 PLATE BRAKING SYSTEM. ALSO SEE S/B 9/90, Pg.	5 / 90	81
IND. TRACTORS	BRAKE ROD BOOT - A-B-C- AND D-SERIES INDUSTRIAL TRACTORS AND 10 AND 30	9 / 95	20
<b>CAB GENERAL SYSTEMS</b>			
3430-4830:	CORRECTION FOR MALFUNCTIONING R.H. DOOR HANDLE/LOCK OUTLINED	11 - 12 / 91	24
3430-4830:	CORRECTION FOR RAIN WATER TRAPPED IN REAR CAB FRAME OUTLINED	11 - 12 / 91	24
3430-5030:	REPLACE CAB STEP ATTACHING BOLTS TO CORRECT LOOSENESS CAMP 5	6 / 93	5
4630:	OIL COOLER SHUTOFF TAP MUST BE LEFT OPENED. ALSO S/B 11-12/90, Pg.	5 / 91	72
5610-7710:	NEW STYLE CAB REAR WINDOW WEATHERSTRIP ANNOUNCED	12 / 88	5
5610-7710:	GEN.II; AUXILIARY (IN CAB) 10 AMP ELECTRIC POWER SOCKET INTRODUCED	3 / 88	4
5610-7710:	ROOF HATCH REPLACEMENT PARTS NOT AVAILABLE FROM P & A. FOR '85/- "Q" CA	10 / 94	22
5610-7710:	INSTALLATION OF RIVET-NUTS FOR CAB MIRROR INSTALLATION ILLUSTRATED	10 / 90	47
5610-7710:	CORRECTION FOR WATER LEAKS INTO CAB & CRACKED ROOF SEAMS OUTLINED	11 - 12 / 90	43
7810:	FRONT CAB MOUNTS SHIMMED TO CORRECT CLUTCH JUDDER	3 / 91	37
<b>CAB HEATER / BLOWER</b>			
3430-4630:	PROPER POSITION OF CAB HEATER SHUTOFF OUTLINED. ALSO S/B 5/91,Pg.	11 - 12 / 90	42
3910-7710:	WIRING DETAILS FOR REPLACING DONN-18527-A BLOWER W/EONN-18456-BA ASS'Y.	11 - 12 / 87	7

**3/4 CYL. AGR.**

**2**

MOD#	DETAILS	ISSUE #	PAGE
4610:	NO LOW OR MEDIUM CAB BLOWER SPEED CORRECTED W/IMPROVED RESISTOR	7 / 90	26
4630:	OIL COOLER SHUTOFF TAP MUST BE LEFT OPENED. ALSO S/B 11-12/90, Pg.	5 / 91	72
5610-7710:	GEN.II; MORE DURABLE COPPER HEATER & A/C EVAPORATOR CORES ANNOUNCED	12 / 88	10
<b>CAB RADIO</b>			
5610-7710:	GEN. II; SPACE UNDER CURRENT CAB RADIO FILLED W/E8NN-18K800-AA	3 / 89	10
5610-7710:	CORRECTING BATTERY DRAIN VIA RADIO.THIS & S/B 1/91,50 R/B S/B 7/91,Pg.	8 / 90	63
5610-7710:	NO AUDIO FROM CAB RADIO. CHECK FOR TWO LIVE POWER SUPPLIES	9 / 88	5
5610-7710:	CORRECTING BATTERY DRAIN VIA RADIO. *****(CORRECTED INSTRUCTION	7 / 91	32
<b>CENTER HOUSINGS</b>			
5610-7710:	TOP LINK ADJUSTMENTS AFFECTED BY NEW R/A HOUSING & PTO RETAINER	3 / 91	39
5900:	SER. 10 LARGER HYD. PUMP ALONG W/UPDATED R/A CENTER HOUSING INTRODUCED	12 / 89	14
<b>CHARGING SYSTEMS</b>			
2000-5000:	GENERATOR POLARIZING PROCEDURE OUTLINED	9 / 88	13
3230-4630:	TROUBLESHOOTING INFO. FOR MAGNETI MARELLI CHARGING SYSTEMS	8 / 91	13
3230-4630:	DIAGNOSTIC INFO. FOR MAGNETI MARELLI (LUCAS) ALTERNATOR OUTLINED	8 / 90	71
4610-7710:	DIAGNOSTIC INFO. FOR MAGNETI MARELLI (LUCAS) ALTERNATOR OUTLINED	8 / 90	71
4610:	TROUBLESHOOTING INFO. FOR MAGNETI MARELLI CHARGING SYSTEMS W/CAB UNITS	8 / 91	13
5610-7710:	TERMINAL IDENTIFICATION FOR 75 AMP ALT. ON UNITS W/Q/CAB	11 - 12 / 87	6
5900:	IDENTIFICATION/OPERATION/TESTING/DIAGNOSING & REPAIRING 5900 ALTERNATOR	12 / 89	32
<b>CLUTCHES &amp; CLUTCH LI</b>			
4610:	ADDING GREASING LINE TO INCREASE CLUTCH THROW-OUT BEARING LIFE	9 / 89	9
5610-7710:	TURN GREASE CUP IN 5 TURNS AT PDI TO PREVENT DRY RELEASE BEARING	9 / 89	4
5610-7710:	ANTI-SPIN WASHER INCORPORATED TO IMPROVE SHIFTING W/8 X 2 TRANS.	6 / 89	6
7810:	CAUSE & CORRECTION FOR CLUTCH JUDDER ON UNITS W/Q-CAB OUTLINED	3 / 91	37
<b>CONTROLS &amp; LINKAGES</b>			
2810-5030:	REVISIONS TO FUEL SHUT OFF CABLES & CABLE DIMENSIONS BY MODEL	9 / 94	39
2910-4610:	ENGINE STOP CONTROL BINDING CORRECTED W/SHORTER CABLE W/CAB UNITS	6 / 90	71
5610-7710:	IMPROVED THROTTLE CABLE BRACKET ANNOUNCED FOR DELUXE CAB UNITS	9 / 88	10
5610-7710:	HARD TRANS. SHIFTING W/CAB/FLAT DECK/SYNCHRO CORRECTED W/NEW BELLCRANK	10 / 90	50
<b>DRAWBAR</b>			
5900/7610 MUD	DER: SECURE DRAWBAR PIN W/#FP-465 RETAINING PLATE	CAMP 3	6 / 89 23
<b>DRIVESHAFT / DRIVELIN</b>			
7610:	FRONT ENGINE PULLEY DRIVE CAN NOT BE INSTALLED ON A/C EQUIPPED TRACTORS	1 / 91	53
<b>ELECTRICAL SYSTEMS</b>			
1948-1975:	W/GAS ENGINE; COMMON COIL FOR 6 & 12 VOLT SYSTEMS W/WIRING DIAGRAMS	12 / 89	7
2000-4610:	MALLORY IGN. DISTRIBUTOR REPLACES ORIGINAL ASS'Y.SEE PARTS & SPECS.	8 / 92	68
2000-5000:	GENERATOR POLARIZING PROCEDURE OUTLINED	9 / 88	13
2000-7810	'65/- ; 5 POSITION KEY SWITCH NOW COMMON FOR ALL UNITS	1 / 91	54
2810-7710:	IMPROVED KEY/LIGHT & STARTER SWITCHES ANNOUNCED. UPDATE INFO. S/B 1/91,	6 / 88	4
3910-7710:	GEN.II; AUXILLARY (IN CAB) 10 AMP ELECTRIC POWER SOCKET INTRODUCED	3 / 88	4

**3/4 CYL. AGR.**

MOD#	DETAILS	ISSUE #	PAGE
5610-7710:	CORRECTING BATTERY DRAIN VIA RADIO. ****(CORRECTED INSTRUCTION	7 / 91	32
5610-7710:	OPERATION/TROUBLESHOOTING WORK LAMP CIRCUIT W/NOV. '85/- GEN. II CABS	11 - 12 / 87	8
5610-7710:	CORRECTING BATTERY DRAIN VIA RADIO.THIS & S/B 1/91,50 R/B S/B 7/91,Pg.	8 / 90	63
5610-7710:	PERFORMANCE MONITOR INSTALLATION INSTRUCTIONS W/ELECTRONIC DASH	7 / 91	34
5900:	IDENTIFICATION/OPERATION/TESTING/DIAGNOSING & REPAIRING 5900 ALTERNATOR	12 / 89	32
E.I.C.	ENG. OIL PRESS. SWITCH DIAGNOSIS W/ELECTRONIC DASH. R/B S/B 10/91,Pg.	8 / 91	8
E.I.C.	ENG. OIL PRESSURE SWITCH DIAGNOSIS W/E.I.C.	10 / 91	16
<b>ELECTRICAL SYSTEMS / WIRING</b>			
2600-7700:	'75-'81; NEW WIRING CAUSES WRONG GAUGE READINGS & WRONG PANEL LIGHTING	1 / 90	28
3230-4630:	3-PLUG REAR MAIN WIRING HARNESS CHANGED TO 2-PLUG EFF. 3/9/91	10 / 92	78
5610-7810:	W/O CAB; CORRECT ROUTING OF REAR MAIN WIRING HARNESS ILLUSTRATED	1 / 90	39
5610-7810:	W/O CAB; CAUSE/CORRECTION FOR SHORT IN REAR MAIN WIRING HARNESS	6 / 91	42
5610S - 7810S	POTENTIAL REAR MAIN WIRE HARNESS DAMAGE - 5610S, 6610S, 7610S, 7810S	3 / 95	33
5900:	COMPLETE "UNIQUE" WIRING DIAGRAMS PUBLISHED. ALSO SEE S/B 12-89, Pg.	12 / 89	24
<b>ENGINE AIR INDUCTION, TURBO, E</b>			
2810-7710:	LOOSE AIR INTAKE HOSE CLAMPS REPORTED. URGENT TO CORRECT DURING PDI	9 / 89	4
5610-7710:	A/C/NOISE/RELIABILITY/FUEL ETC.IMPROVEMENTS.ALSO S/B 1/91,Pg.47 & 1/93,	3 / 88	4
7710:	AIRESEARCH TURBO. WARRANTY/SERVICING/DIAGNOSIS INFORMATION PUBLISHED	6 / 88	5
<b>ENGINE BLOCK</b>			
5610-7710:	FUEL/NOISE/RELIABILITY/A/C ETC.IMPROVEMENTS.ALSO S/B 1/91,Pg.47 & 1/93,	3 / 88	4
ALL 3-4-6 CYLI	#E3HN-6A255-AB CAM SHAFT DRIVE ADAPTER	9 / 96	73
ENGINE HEATERS	ENGINE COOLANT HEATERS	10 / 96	37
<b>ENGINE CAMSHAFT</b>			
5000-7710:	HOW TO ACCURATELY MEASURE CAMSHAFT TIMING	1 / 93	28
5000-7710:	SPECS. FOR REVISED CAMSHAFT TO RETROFIT BACK TO '65 OUTLINED	1 / 93	27
5610-7710:	FUEL/NOISE/RELIABILITY/A/C ETC.IMPROVEMENTS.ALSO S/B 1/91,Pg.47 & 1/93,	3 / 88	4
B.S.D.	W/4 CYL.: SPECS. FOR REVISED CAMSHAFT TO RETROFIT BACK TO '65 OUTLINED	1 / 93	27
<b>ENGINE CONNECTING RODS/PISTO</b>			
2000-7710:	WRIST PIN TO CROWN HEIGHT IDENTIFICATION OF ALL PISTONS 1965/-	11 - 12 / 93	33
3-CYLINDER	CONNECTING RODS/PARTS INFORMATION	8 / 95	79
4610:	NEW DESIGN HEADLAND PISTON INFORMATION & INTERCHANGABILITY OUTLINED	12 / 89	20
5610-7710:	FUEL/NOISE/RELIABILITY/A/C ETC.IMPROVEMENTS.ALSO S/B 1/91,Pg.47 & 1/93,	3 / 88	4
ALL UNITS:	PISTON RING LAND & PISTON RING BREAKAGE CAUSES OUTLINED	4 / 92	29
<b>ENGINE COOLING SYSTEM</b>			
	TEST KIT TO DETERMINE % OF COOLANT CONDITIONER IN COOLANT MIXTURE	1 / 92	5
	COOLING SYSTEM CORROSION INHIBITOR MAINTENANCE SCHEDULE DECAL AVAILABLE	9 / 88	6
2810-4610:	BRACE TO REINFORCE RADIATOR COOLANT OVERFLOW RESERVOIR SUPPORT	5 / 91	73
2810-7710:	FW-15 CONDITIONER STRENGTH NOW 5% OF COOLANT MIXTURE. ALSO S/B 1/94,Pg.	12 / 89	22
5610-7710:	FUEL/NOISE/RELIABILITY/A/C ETC.IMPROVEMENTS.ALSO S/B 1/91,Pg.47 & 1/93,	3 / 88	4

**3/4 CYL. AGR.**

**2**

MOD#	DETAILS	ISSUE #	PAGE
5610-7710:	NEW VISCOUS DRIVE & DIRECT DRIVE FAN INFO. W/PART NUMBERS	3 / 93	15
5900:	POSSIBLE LACK OF ANTIFREEZE PROTECTION DURING PRODUCTION REPORTED	12 / 88	9
ALL UNITS:	PROPER COOLING SYSTEM MAINTENANCE TO PREVENT PREMATURE WATER PUMP FAILU	1 / 94	10
ENGINE HEATERS	ENGINE COOLANT HEATERS	10 / 96	37
TECH-COM	#9205: TROUBLESHOOTING & REPAIRING ANY COOLING SYSTEM FROM OVERHEATING	/ 92	
<b>ENGINE CRANKSHAFT/BALANCER</b>			
2000-7710:	CRANKSHAFT END PLAY SPECS. REVISED TO .004" TO .014" FOR '65/-	12 / 89	5
<b>ENGINE FUEL INJECTION SYSTEM</b>			
2000-7710:	VALVE RECESSION/VALVE SPRING LENGTH/INJECTOR PROTRUSION SPECS.	4 / 93	25
2000-7710:	VALVE RECESSION/VALVE SPRING LENGTH/INJECTOR PROTRUSION SPECS.R/B 4/93,	2 / 93	15
5610-7710:	FUEL/NOISE/RELIABILITY/A/C ETC.IMPROVEMENTS.ALSO S/B 1/91,Pg.47 & 1/93,	3 / 88	4
5610-7710:	STOP CONTROL PARTS REQ'D. W/BSO W/CAV PUMP TO REPLACE INLINE TYPE	2 / 93	11
5610-7710:	ROTARY INJ. PUMP W/REVISED FUEL FILTER SYSTEM INTRODUCED.EFF.(8K27)	6 / 89	4
5610-7710:	FUEL LIFT PUMP GASKET THICKNESS INCREASED TO 0.040". EFF. (7J01)	9 / 88	18
5610-7710:	DELIVERY VALVES TO CORRECT UNEVEN ENGINE RUNNING BELOW 1500 RPM	10 / 92	75
5610:	USE NEW ROD RETAINER TO STOP SMOKING WHEN USING EXCESS FUEL DEVICE	9 / 88	9
5900:	PARTS INFO. FOR ROTARY INJECTION PUMP REPLACING INLINE PUMP EFF. 9/30/9	3 / 92	37
B.S.D.:	DELIVERY VALVES TO CORRECT UNEVEN ENGINE RUNNING BELOW 1500 RPM	10 / 92	75
TECH-COM	#9304: LUCAS CAV MODEL DPS ROTARY FUEL INJECTION PUMP	/ 93	
<b>ENGINE FUEL SYSTEM</b>			
	GAS LINE ANTIFREEZE #FP316 & DIESEL FUEL CONDITIONER #251202 INFORMATIO	1 / 91	4
2000-7000	LOW LEAD/NO LEAD FUEL IS ACCEPTABLE W/FORD ENGINES W/VALVE INSERTS	6 / 88	8
3430-4830:	DAMAGED OR COLLAPSED FUEL TANKS. VENTED FUEL CAP MUST BE USED	10 / 90	53
5600-7700:	GAUGE READS % OF FUEL IN MAIN & AUXILIARY TANKS BY USING SELECTOR SWITC	5 / 77	3
5610-7610:	RELOCATING NON-RETURN VALVE IMPROVES ENGINE STARTING W/Q-CAB UNITS	9 / 88	7
5610-7710:	INTERPRETING ACTUAL FUEL QTY. W/ELECTRONIC DASH & AUX. FUEL TANK	3 / 89	5
5610-7710:	RELOCATION OF FUEL SUPPLY LINE FOR THERMOSTART SHOWN	8 / 90	60
5610-7710:	REROUTING OF FUEL LINES TO REDUCE LIGHT LOAD FLUTTER/SURGE SHOWN	8 / 90	60
9N-5000:	GAS CAP REPLACEMENT PROGRAM NOW TO BE CLAIMED VIA DEFECTIVE NEW PARTS	10 / 93	26
9N-5000:	GASOLINE CAP REPLACEMENT PROGRAM. UPDATED BY S/B 10/93 Pg. 26. CAMP 2	4 / 93	30
ALL UNITS:	REDUCED LUBRICATION CONCERN WITH LOW-SULPHUR DIESEL FUEL. ALSO S/B 5/94	2 / 94	5
D-SERIES	FUEL SHUTOFF SOLENOID FAILURES - D-SERIES BACKHOE LOADERS -10/30/40 TRA	5 / 95	40
<b>ENGINE GASKETS / SEALS</b>			
	FRONT CRANKSHAFT OIL SEAL LEAKS	8 / 96	34
2810-4610:	THICKER REAR CRANK OIL SEAL GASKET, #E5HN-6N035-AC, ANNOUNCED	12 / 88	4
3230-7710:	CHANGES TO ROCKER COVERS/GASKETS/CRANKCASE VENT SYSTEMS OUTLINED	11 - 12 / 90	48
3930-7710:	NEW HEAD GASKETS ANNOUNCED & MORE INSTALLATION INFO. OUTLINED	1 / 91	47
5610-7710:	FUEL/NOISE/RELIABILITY/A/C ETC.IMPROVEMENTS.ALSO S/B 1/91,Pg.47 & 1/93,	3 / 88	4
6610-7710:	NEW HEAD GASKET, #FINN-6051-BA, FOR IMPROVED SEALING W/1/2" HEAD BOLTS	7 / 93	44

**3/4 CYL. AGR.**

MOD#	DETAILS	ISSUE #	PAGE
<b>ENGINE GENERAL SYSTEMS</b>			
	DYNO. BREAK-IN PROCEDURE OUTLINED & DYNO. LOADING CHART PUBLISHED	6 / 89	5
2000-7710:	PREMATURE "SHORT" TACH. CABLE FAILURES DUE TO REVERSE CABLE WINDING	11 - 12 / 91	29
2000-7710:	1971/-; IMPROVED ENGINE BLOCK HEATER ANNOUNCED	1 / 91	61
3230-7710:	CHANGES TO ROCKER COVERS/GASKETS/CRANKCASE VENT SYSTEMS OUTLINED	11 - 12 / 90	48
3430-4630:	PROPER POSITION OF CAB HEATER SHUTOFF OUTLINED. ALSO S/B 5/91, Pg.	11 - 12 / 90	42
3430-5030:	E3NN-D855-AA HYD. PUMP DRIVE GEAR ON CAMSHAFT FACTORY INSTALLED EFF.10/	4 / 94	40
3930-4630:	CAUSE FOR "NO-LOAD" ENGINE "MISSING"/FLUTTER DISCUSSED	6 / 89	17
4630:	OIL COOLER SHUTOFF TAP MUST BE LEFT OPENED. ALSO S/B 11-12/90, Pg.	5 / 91	72
5610-6610:	*** SEE S/B 12-88,Pg.19 FOR 5610-6610 "CORRECTED NON-RETURN LOCATION"	9 / 88	8
5610-6610:	W/"Q" CAB; REVISIONS TO THERMOSTART PLUMBING SYSTEM AIDS STARTING	12 / 88	19
5610-7610:	RELOCATING NON-RETURN VALVE IMPROVES ENGINE STARTING W/Q-CAB UNITS	9 / 88	7
5610-7710:	CORRECT ERRATIC RPM READING W/E.I.C. PANEL W/NEW SPEED SENSOR FLEX DRIV	5 / 90	77
5610-7710:	FUEL/NOISE/RELIABILITY/A/C ETC.IMPROVEMENTS.ALSO S/B 1/91,Pg.47 & 1/93,	3 / 88	4
5610-7710:	ENGINE MISFIRING/HUNTING CORRECTED WITH MODIFIED FUEL BANJO	12 / 88	10
5610S - 7610S	ROCKER COVER AND BREATHER TUBE CHANGE - 5610S, 6610S, AND 7610S TRACTOR	4 / 96	65
TECH-COM	#9001: DIESEL ENGINE LOW POWER, DIAGNOSIS & TROUBLESHOOTING	/ 90	
TECH-COM	#026/04-88: 3/4/6 CYL. DIESEL ENGINE DIAGNOSIS USING 3-GAUGE TEST BAR	/ 88	
<b>ENGINE HEAD</b>			
2000-7710:	VALVE RECESSION/VALVE SPRING LENGTH/INJECTOR PROTRUSION SPECS.	4 / 93	25
2000-7710:	VALVE RECESSION/VALVE SPRING LENGTH/INJECTOR PROTRUSION SPECS.R/B 4/93,	2 / 93	15
2810-7710:	CYLINDER HEAD BOLT TORQUING AT 50 HRS. ALSO REVIEW S/B 12-85,	6 / 88	7
2910-4610:	9/16" HEAD BOLTS REPLACE 1/2". REVISED TORQUES & P/N'S PROVIDED	3 / 89	5
3930-7710:	NEW HEAD GASKETS ANNOUNCED & MORE INSTALLATION INFO. OUTLINED	1 / 91	47
5610-7710:	FUEL/NOISE/RELIABILITY/A/C ETC.IMPROVEMENTS.ALSO S/B 1/91,Pg.47 & 1/93,	3 / 88	4
B.S.D.:	9/16" HEAD BOLTS REPLACE 1/2". REVISED TORQUES & P/N'S PROVIDED	3 / 89	5
<b>ENGINE OIL SYSTEM</b>			
4630:	OIL COOLER SHUTOFF TAP MUST BE LEFT OPENED. ALSO S/B 11-12/90, Pg.	5 / 91	72
4830-5030:	ENGINE OIL CAPACITY IS 9.0 US QTS. NOT 13.2 QTS. "CORRECT EARLY O.M.'S"	7 / 93	46
5610-7710:	OIL PRESSURE REGULATED W/COOLER LINE RESTRICTOR, #E2NN 6N617 AA	6 / 90	70
5610S - 7610S	ROCKER COVER AND BREATHER TUBE CHANGE - 5610S, 6610S, AND 7610S TRACTOR	4 / 96	65
7810:	NEW OIL FILTER SEAL INCORPORATED TO CORRECT EXTERNAL OIL SEEPAGE	12 / 89	12
E.I.C.	ENG. OIL PRESS. SWITCH DIAGNOSIS W/ELECTRONIC DASH. R/B S/B 10/91,Pg.	8 / 91	8
E.I.C.	ENG. OIL PRESSURE SWITCH DIAGNOSIS W/E.I.C.	10 / 91	16
E.I.C.	#9861043 OIL SENDER INTERFACE KIT REQ'D.11/87/- .RELATED INFO. S/B 1/94,	8 / 94	100
<b>ENGINE SPECIFICATIONS</b>			
3930-7710:	MAXIMUM ANGLE OF OPERATION W/O LOSSING OIL PRESSURE PUBLISHED	6 / 93	39
ALL UNITS:	TRACTOR ENGINE DIFFERENCES VS. BIDIRECTIONAL & NEW HOLLAND APPLICATIONS	4 / 92	4
B.S.D.:	MAXIMUM ANGLE OF OPERATION W/O LOSSING OIL PRESSURE PUBLISHED	6 / 93	39

**3/4 CYL. AGR.**

**2**

MOD#	DETAILS	ISSUE #	PAGE
<b>ENGINE VALVES / VALVE SYSTEMS</b>			
2000-7710:	VALVE RECESSON/VALVE SPRING LENGTH/INJECTOR PROTRUSION SPECS.	4 / 93	25
2000-7710:	VALVE RECESSON/VALVE SPRING LENGTH/INJECTOR PROTRUSION SPECS.R/B 4/93,	2 / 93	15
2810-7710:	USE OF POWERSTAR VALVE SPRINGS, RETAINERS, ROTATORS W/PRIOR MODELS	1 / 93	32
3230-4630:	USE OF POWERSTAR VALVE SPRINGS, RETAINERS, ROTATORS W/PRIOR MODELS	1 / 93	32
5610-7710:	FUEL/NOISE/RELIABILITY/A/C ETC.IMPROVEMENTS.ALSO S/B 1/91,Pg.47 & 1/93,	3 / 88	4
<b>GAUGES / SWITCHES / T</b>			
10 - 30 TRAC.	TACHOMETER DRIVE SHAFT CABLE - 10 AND 30 SERIES AGRICULTURAL TRACTORS	10 / 95	44
2000-7600:	TROUBLESHOOTING MAGNETIC TEMP./FUEL GAUGES '79/- . ALSO S/B 5-82,Pg.	3 / 80	2
2000-7710:	TROUBLESHOOTING BI-METAL'65-'79 & MAGNETIC GAUGES'79/- .ALSO 3-80,2;5-82	11 - 12 / 87	2
2000-7710:	IMPROVED KEY/LIGHT & STARTER SWITCHES ANNOUNCED. UPDATE INFO. S/B 1/91,	6 / 88	4
2000-7810	'65/- ; 5 POSITION KEY SWITCH NOW COMMON FOR ALL UNITS	1 / 91	54
2600-7700:	'75-'81; WRONG GAUGE READINGS/DASH LIGHTING W/NEW WIRING REPORTED	1 / 90	28
2600-7700:	MAGNETIC TEMP./FUEL GAUGES ARE USED TO REPLACE BI-METAL USED '75 - 5/79	5 / 82	2
3430-4830:	MORE DURABLE & SEALED STARTER SWITCH #E7NN-11N501-AC EFF. (2C02)	3 / 93	35
5600-7700:	GAUGE READS % OF FUEL IN MAIN & AUXILLARY TANKS BY USING SELECTOR SWITC	5 / 87	3
5610-7710:	INTERPRETING ACTUAL FUEL QTY. W/ELECTRONIC DASH & AUX. FUEL TANK	3 / 89	5
6/800/2/4000	SERIES '55 TO '64: SERVICE INFO. FOR NEW FUEL GAUGE OUTLINED	1 / 91	63
E.I.C.	#9861043 OIL SENDER INTERFACE KIT REQ'D.11/87/- .RELATED INFO. S/B 1/94,	8 / 94	100
<b>GAUGES/SWITCHES/TAC HYDROSTATIC</b>			
L465 - LX885 S	#86534287 CHARGE PRESSURE SENDER	9 / 97	76
<b>HYDRAULIC LIFT SYSTEM</b>			
3230-4830:	CRACKS AT LOWER LIFT LINKS FROM WRONG HEAT TREAT REPORTED CAMP 5	3 / 92	5
3430-5030:	#01A-7034 REAR AXLE BREATHER REPLACES BREATHER BOLTS EFF. 1/17/94	7 / 94	44
5610-7710:	NEW HPL COVER GASKET W/SHIELD TO PREVENT OIL LOSS AT DRAFT YOKE	5 / 92	37
5610-7710:	RAPID HPL CORRECTIONS/LEAKDOWN CONCERNS CORRECTED. ALSO S/B 6/89,Pg.	9 / 90	22
5610-7710:	LEAKS AT LIFT CROSS SHAFT OR HPL BREATHER CORRECTED W/RETURN TUBE	6 / 89	9
5610-7710:	DROP POPPET VALVE ELIMINATED;REVISED ADJUSTMENTS.ALSO SEE S/B 9/90, Pg.	6 / 89	11
5610-7710:	TOP LINK ADJUSTMENTS AFFECTED BY NEW R/A HOUSING & PTO RETAINER	3 / 91	39
5610-7710:	PRIOR HPL CONTROL LINKAGE MADE OBSOLETE; P/N'S FOR NEW LINKAGE GIVEN	9 / 89	6
5610-7810:	IMPROPERLY FACTORY TIGHTENED HYD. LIFT COVER BOLTS REPORTED	1 / 90	46
5610-7810:	INSTALLING PRIORITY VALVE CHECK VALVE SEAT ALSO SEE S/B 9/90, Pg.	6 / 89	8
5900:	RAPID HPL CORRECTIONS/LEAKDOWN CONCERNS CORRECTED.ALSO SEE S/B 6/89,Pg.	9 / 90	22
5900:	3 POINT LIFT & OPEN CENTRE REMOTE VALVES UPGRADED TO SERIES 10 LEVEL	9 / 88	15
600/800:	'55 -'64; CURRENT AVAILABILITY OF VALVE BUSHINGS/CONTROL SPOOLS SHOWN	8 / 90	69
600/800:	'55 -'64; CORRECT ASS'Y. OF BACKPRESSURE VALVE SHOWN	6 / 89	10
NAA:	'53 & '54; CORRECT ASS'Y. PROCEDURE FOR REPLACEMENT UNLOAD VALVE	6 / 89	8
TECH-COM	#019/02-87: TROUBLESHOOTING SERIES 10, 3 CYL. HYDRAULIC POWER LIFT SYST	/ 87	
TECH-COM	#021/06-87: OPERATION/ADJUSTMENT/TROUBLESHOOTING 8N HYDRAULIC SYSTEM	/ 87	

**3/4 CYL. AGR.**

MOD#	DETAILS	ISSUE #	PAGE
<b>HYDRAULIC PUMPS/MOTORS</b>			
2810-7710:	TRANS. MOUNTED HYDRAULIC PUMP RELIEF VALVE TORQUE REVISED TO 47 FT. LBS	9 / 88	8
3230-5030:	TWO PUMP HYD. KIT #86511162 PROVIDES 14.1 G.P.M. SALES LETTER #3	11 / 94	
5900:	SER. 10 LARGER HYD. PUMP ALONG W/UPDATED R/A CENTER HOUSING INTRODUCED	12 / 89	14
7610:	FRONT ENGINE PULLEY DRIVE CAN NOT BE INSTALLED ON A/C EQUIPPED TRACTORS	1 / 91	53
<b>HYDRAULIC REMOTE VALVES &amp; MANIF</b>			
2810-7710:	LOW OR NO REMOTE HYD. PRESSURE. CORRECTIONS TO S/B 6/90, Pg.75 GIVEN	9 / 90	31
2810-7710:	CORRECTING LOW/NO PRESSURE ON REMOTES OUTLINED. ALSO S/B 9/90,Pg.	6 / 90	73
3910-7710:	SPECIAL TOOL, FNH00095, TO REPAIR DELUXE REMOTE CARTRIDGES	10 / 92	73
3910-7710:	DETENT PARTS FOR DELUXE REMOTE VALVES NOW SERVICED SEPARATELY	1 / 91	62
5610-7710:	REVISIONS TO R/A FILL TUBE & REMOTE VALVE SUMP PIPEWORK OUTLINED	12 / 89	40
5900:	3 POINT LIFT & OPEN CENTRE REMOTE VALVES UPGRADED TO SERIES 10 LEVEL	9 / 88	15
600-7710:	1955 TO 1991; HYD. TAPPING MANIFOLD #9613790 INCORRECTLY MACHINED	3 / 91	38
<b>HYDRAULIC SYSTEMS</b>			
3430-5030:	E3NN-D855-AA HYD. PUMP DRIVE GEAR ON CAMSHAFT FACTORY INSTALLED EFF.10/	4 / 94	40
5610-7710:	PROPER SERVICING OF THE OIL STRAINER IN TRANS. PUMP COVER OUTLINED	9 / 89	7
5900:	SPECS. & TESTING PROCEDURE FOR PTO & COOLER RELIEF VALVES	12 / 89	23
600-7710:	1955 TO 1991; HYD. TAPPING MANIFOLD #9613790 INCORRECTLY MACHINED	3 / 91	38
ALL UNITS:	O-RING CROSS REFERENCE CHART W/DIMENSIONAL DETAILS OUTLINED	9 / 91	10
<b>INSTRUMENT PANELS/C</b>			
5600-7700:	GAUGE READS % OF FUEL IN MAIN & AUXILIARY TANKS BY USING SELECTOR SWITC	5 / 77	3
5610-7710:	INTERPRETING ACTUAL FUEL QTY. W/ELECTRONIC DASH & AUX. FUEL TANK	3 / 89	5
5610-7710:	CORRECT ERRATIC RPM READING W/E.I.C. PANEL W/NEW SPEED SENSOR FLEX DRIV	5 / 90	77
5610-7710:	PERFORMANCE MONITOR INSTALLATION INSTRUCTIONS W/ELECTRONIC DASH	7 / 91	34
5610-7710:	CORRECTING WRONG GROUND SPEED READOUT ON E.I.PANEL	1 / 90	29
E.I.C.	ENG. OIL PRESS. SWITCH DIAGNOSIS W/ELECTRONIC DASH. R/B S/B 10/91,Pg.	8 / 91	8
E.I.C.	ENG. OIL PRESSURE SWITCH DIAGNOSIS W/E.I.C.	10 / 91	16
E.I.C.	#9861043 OIL SENDER INTERFACE KIT REQ'D.11/87/- .RELATED INFO. S/B 1/94,	8 / 94	100
E.I.C.	REPAIR/REPLACEMENT OF ELECTRONIC INSTRUMENTS/RADAR/TPM ETC. OUTLINED	7 / 91	39
E.I.C.	DICKEY-john REPAIR LOCATIONS FOR E.I.C./T.P.M./RADAR/METAL DETECTOR ITE	7 / 91	39
TECH-COM	#029/10-88: ELECTRONIC INSTRUMENT PANEL & PERFORMANCE MONITOR	/ 88	
<b>MISC. ITEMS</b>			
5610-7710:	INSTALLATION OF RIVET-NUTS FOR CAB MIRROR INSTALLATION ILLUSTRATED	10 / 90	47
<b>MONITORS</b>			
5610-7710:	PERFORMANCE MONITOR INSTALLATION INSTRUCTIONS W/ELECTRONIC DASH	7 / 91	34
E.I.C.	DICKEY-john REPAIR LOCATIONS FOR E.I.C./T.P.M./RADAR/METAL DETECTOR ITE	7 / 91	39
E.I.C.	REPAIR/REPLACEMENT OF ELECTRONIC INSTRUMENTS/RADAR/TPM ETC.OUTLINED	7 / 91	39
TECH-COM	#029/10-88: ELECTRONIC INSTRUMENT PANEL & PERFORMANCE MONITOR	/ 88	
<b>OIL COOLER/COOLER LI</b>			

### 3/4 CYL. AGR.

2

MOD#	DETAILS	ISSUE #	PAGE
3430-4830:	IMPROVED OIL COOLER BYPASS VALVE CORRECTS BUZZING NOISE W/16 X 8 SHUTTL	8 / 93	47
4630:	OIL COOLER SHUTOFF TAP MUST BE LEFT OPENED. ALSO S/B 11-12/90, Pg.	5 / 91	72
5610-7710:	OIL PRESSURE REGULATED W/COOLER LINE RESTRICTOR, #E2NN 6N617 AA	6 / 90	70
5900:	SPECS. & TESTING PROCEDURE FOR PTO & COOLER RELIEF VALVES	12 / 89	23
<b>PAINT / DECALS / TRIM</b>			
	COOLING SYSTEM CORROSION INHIBITOR MAINTENANCE SCHEDULE DECAL AVAILABLE	9 / 88	6
<b>PTO SYSTEMS</b>			
2810-4610:	W/IND.PTO; PTO FEATHERING STOP ADJUSTMENT OUTLINED	2 / 90	20
2810-4610:	SPECIAL TEST FITTING, #FNH 01221A, INTRODUCED TO TEST PTO PRESSURE	12 / 88	4
2810-4610:	IMPROVED MATERIAL ON PTO BRAKE PAD TO REDUCE WEAR ANNOUNCED	6 / 92	20
3230-4630:	ADJUSTMENT/OPERATION OF PTO NEUTRAL SAFETY START SWITCH OUTLINED	4 / 90	40
3230-4630:	REWORK PTO CLUTCH PACK TO PREVENT #K3660625612 PTO SHAFT BREAKAGE	8 / 94	101
5610-7710:	REQUEST TO REMOVE & DISCARD PTO MASTER SHIELD SPACERS CAMP 4	4 / 90	12
5610-7710:	REVISED LABOUR ALLOWANCE FOR SINGLE SPEED PTO R&R EFF. 10/89 NOTED	4 / 92	32
5610-7710:	D.P./PTO REG.VALVE PRESS. NOW 130-160 @ 1000 RPM. UPDATES S/B 9-85 Pg	10 / 87	5
5610-7710:	TOP LINK ADJUSTMENTS AFFECTED BY NEW R/A HOUSING & PTO RETAINER	3 / 91	39
5610-7710:	HARDENED THRUST WASHER AT PTO OUTPUT GEARS INTRODUCED	6 / 90	77
5900:	SPECS. & TESTING PROCEDURE FOR PTO & COOLER RELIEF VALVES	12 / 89	23
YOKE PIN	QUICK DETACHABLE YOKE PIN	4 / 96	40
<b>RADAR COMPONENTS</b>			
E.I.C.	DICKEY-john REPAIR LOCATIONS FOR E.I.C./T.P.M./RADAR/METAL DETECTOR ITE	7 / 91	39
E.I.C.	REPAIR/REPLACEMENT OF ELECTRONIC INSTRUMENTS/RADAR/TPM ETC. OUTLINED	7 / 91	39
<b>ROPS / ROPS STRUCTU</b>			
2810-4610:	INSPECT FOR CORRECT WELDING ON 2 POST ROPS CAMP 4	3 / 91	14
2810-4610:	SPECIAL SAR CLAIM IDENT. FOR CUSTOMER WAIVED "USE OF ROPS". CAMP 4	1 / 91	5
2810-4610:	INSPECT/FILL W/BALLAST OR REPLACE 2-POST ROPS CAMP 4	4 / 90	9
3230-4830:	FONN-9451868-HA ROPS FROM PARTS MUST HAVE #FP-529 BALLAST KIT ADDED	12 / 94	88
<b>SEAT COMPONENTS</b>			
3230-4830:	MODIFY SEAT BELT OUTER SHEATH FOR ADDED BELT ADJUSTMENT AFTER 4/1/92	5 / 93	48
5610-6610:	W/Q CAB, BOSTRUM A100U SEAT REPLACEMENT POLICY,"48 MONTHS" OUTLINED	6 / 88	9
5610-6610:	BOSTROM COMFORTIZER SEAT REPLACEMENT. EFF. UNTIL 4/30/90 CAMP 2	12 / 88	13
<b>SERIAL#/MODEL# INFOR</b>			
5610S-7810S:	LISTING OF MODEL CODES REQ'D. FOR CLAIMS ON MEXICAN PRODUCTION TRACTORS	5 / 94	51
5610S-7810S:	S/N'S START W/ZX_____ FOR MEXICO PRODUCTION THAT HAVE POWERSTAR ENGIN	6 / 94	44
5610S-7810S:	REMOVE 1ST ZERO IN S/N OF MEXICAN UNITS TO COMPLY W/WARRANTY REQ'D. NO.	6 / 94	50
<b>SERIAL#/MODEL# INFOR SPECIFICATIONS</b>			
7610S AG TRAC	MODEL CODE ON BELL HOUSING - 7610S AGRICULTURAL TRACTORS	7 / 95	57
<b>SHEET METAL / FASTEN</b>			
5610-7710:	INSTALLATION OF RIVET-NUTS FOR CAB MIRROR INSTALLATION ILLUSTRATED	10 / 90	47
<b>STARTING SYSTEMS</b>			

### 3/4 CYL. AGR.

MOD#	DETAILS	ISSUE #	PAGE
2810-7710:	NEW STARTERS W/INSULATING COVER ON SOLENOID INTRODUCED. EFF. (7M03)	6 / 89	7
4830-5030:	PREVENTION FOR STARTER SOLENOID TO BATTERY CABLE ELECTRIC SHORT. CAMP 5	5 / 93	4
4830-5030:	H.D. 3.1 KW BOSCH STARTER INTRODUCED EFF. 4/13/92. SEE SPECS.	8 / 93	46
5610-7710:	STARTER SOLENOID TERMINAL SHIELD PROGRAM ANNOUNCED CAMP 2	12 / 88	11
5900:	IDENTIFICATION & P/N INFO. FOR BOSCH STARTER USED EFF. (8M13)	6 / 90	72
8N:	LARGER STARTER OPENING FOR A0NN-11350-A STARTER DRIVE.ALSO S/B 7/94 Pg.	5 / 72	6
9N/2N/8N:	ENLARGE STARTER OPENING TO ACCEPT D8NN-11350-AA STARTER DRIVE ILLUSTRAT	7 / 94	46
ALL DIESELS:	'65/-; CLEAN & LUBRICATE STARTER DRIVE TO INCREASE SERVICE LIFE	3 / 89	6
<b>STARTING SYSTEMS AIR INDUCTION, TURBO, E</b>			
2N AND 9N AG T	NEW STARTER PUSH BUTTON SWITCH	11 / 96	37
<b>STARTING SYSTEMS BLOCK</b>			
ENGINE HEATERS	ENGINE COOLANT HEATERS	10 / 96	37
<b>STARTING SYSTEMS COOLING SYSTEM</b>			
ENGINE HEATERS	ENGINE COOLANT HEATERS	10 / 96	37
<b>STARTING SYSTEMS GENERAL SYSTEMS</b>			
3230 - 5030	FUSE LOCATIONS AND AMP RATING	7 / 95	53
<b>STARTING SYSTEMS SYSTEMS</b>			
3230 - 5030	FUSE LOCATIONS AND AMP RATING	7 / 95	53
<b>STARTING SYSTEMS TROUBLESHOOTING</b>			
3430 - 5030	CORROSION OF KEY SWITCH ASSEMBLY - 3430, 3930, 4630, AND 5030 TRACTORS	1 / 96	22
<b>STEERING SYSTEMS</b>			
2310-4610:	W/D.D.ARM P.S.; THICKER WALL P.S. LINE ANNOUNCED. ALSO S/B 3-89,Pg	9 / 89	7
2310-4610:	W/D.D.ARM P/S: RUBBER SPACERS ADDED TO P/S LINES. ALSO S/B 9-89,Pg	3 / 89	8
2310-4610SU:	CORRECTIONS FOR RUSTING & CORRODING P.S. CYLINDERS OUTLINED	2 / 90	22
2600-7710:	SPECIAL TEE FITTING, #FNH00365 INTRODUCED TO TEST MID TO LATE '70'S P.S	8 / 94	102
2610-4610SU:	5/8" CYL RODS AVAILABLE TO CORRECT BENDING/BREAKING OF 1/2" RODS	12 / 89	30
2810-4610SU:	W/DOUBLE DROP ARM STEERING; NEW ONE PIECE VALVE SEAL ANNOUNCED	9 / 88	13
3230-4630:	STEERING TEST KIT, #FNH00225, FOR O RING FACE SEALS ANNOUNCED	7 / 91	18
3230-4630:	CAUSE/CORRECTION FOR STEERING HOSE SCUFFING W/2WD AT TIE RODS	10 / 92	77
3430-4630:	STAR WASHERS ADDED TO SECURE STEERING COLUMN BOLTS	4 / 91	40
5610-7610:	STEERING WHEEL VIBRATION CORRECTED BY USING FLEX COUPLING	9 / 88	11
5610-7710:	EDGING STRIP ADDED TO CAB LIP TO PREVENT P.S. HOSE CHAFING	2 / 92	29
5610-7710:	W/FWA; STOP BOLTS ADDED TO CORRECT STEERING ARM FAILURE	8 / 90	65
5900:	HYDROSTATIC STEERING PUMP AND RELIEF PRESSURE SPECS. ANNOUNCED	2 / 91	32
7710:	F2NN-3A244-EA STEERING MOTOR TO CORRECT STEERING VALVE CHATTER.	4 / 94	48
TECH-COM	#9008: HYDROSTATIC P/S FOR 3230-4830 OUTLINED	/ 90	
<b>STEERING SYSTEMS VALVES / VALVES HEADS</b>			
TRACTORS	HYDROSTATIC STEERING	10 / 97	78
<b>TIRES / WHEELS / WHEE</b>			
3230-4830:	REAR WHEELS ATTACHED W/FLAT NUT & WASHER VS. TAPERED NUT EFF. 8/24/92	9 / 93	23

**3/4 CYL. AGR.**

**2**

MOD#	DETAILS	ISSUE #	PAGE
3230-4830:	CHART OF NEW FRONT WHEEL ASS'YS. W/4 VS. 8 DISC-TO-RIM BOLTS	8 / 92	62
39/41/4610:	LOOSE WHEELS/TORQUING PROCEDURE FOR P.ADJ. RIM CLAMP NUTS OUTLINED	12 / 89	16
7610 MUDDER:	CORRECT FRONT AND REAR WHEEL LUG BOLT BREAKAGE <span style="float: right;">CAMP 3</span>	12 / 88	18
ALL UNITS:	CALL (514) 331-4330 FOR PIRELLI ARMSTRONG FARM TIRE SERVICE; CANADA	11 - 12 / 92	56
<b>TOOLS / SPECIAL</b>			
2600-7710:	#FNH00365 SPECIAL TEST FITTING INTRODUCED TO TEST MID TO LATE '70'S P.S	8 / 94	102
2810-4610:	#FNH 01221A SPECIAL TEST FITTING INTRODUCED TO TEST PTO PRESSURE	12 / 88	4
3230-4630:	#FNH00225 STEERING TEST KIT FOR O RING FACE SEALS ANNOUNCED	7 / 91	18
3910-7710:	#FNH00095 SPECIAL TOOL TO REPAIR DELUXE REMOTE CARTRIDGES	10 / 92	73
5610-7710:	#FNH00025 TOOL TO MACHINE CHECK VALVE SEAT IN PRIORITY VALVE	9 / 90	24
5610-7710:	ADDITIONAL HOLE LOCATIONS TO MODIFY CAB LIFTING FIXTURE ANNOUNCED	3 / 93	36
7610 MUDDER:	#FNH0002 TOOL FOR DROP TRUMPE AXLE NUT W/ADJUSTMENT INFORMATION	3 / 89	9
<b>TRACTOR WEIGHTS / FRONT</b>			
3230-4830:	INSTALL LOCKING BOLTS TO PREVENT RATTLE & BOUNCING OF FRONT WEIGHTS	8 / 92	60
<b>TRANSMISSIONS / DUAL POWER</b>			
5610-7710:	D.P./PTO REG.VALVE PRESS. NOW 130-160 @ 1000 RPM. UPDATES S/B 9-85, Pg	10 / 87	5
5610-7710:	W/CAB; IMPROVED DUAL POWER SWITCH W/INTEGRAL CAP. UPDATES S/B 10-87, Pg	12 / 89	7
5610-7710:	W/CAB; IMPROVED DUAL POWER SWITCH W/INTEGRAL CAP.ALSO SEE S/B 12-89, Pg	10 / 87	4
TECH-COM	#032/04-89: COMPLETE DETAILS COVERING DUAL POWER SYSTEM	/ 89	
<b>TRANSMISSIONS / MECHANICAL</b>			
2610-4610:	LONGER TRANS. BREATHER TO CORRECT OIL SEEPAGE.REPLACED BY S/B 10/92,Pg.	12 / 88	9
2610-4830:	IMPROVED 8X2 TRANS. BREATHER TO CORRECT OIL LEAKAGE. REISSUED 10/93 Pg.	10 / 92	70
2610-4830:	IMPROVED 8X2 TRANS.BREATHER TO CORRECT OIL LEAKAGE.REISSUE OF 10/92,Pg	10 / 93	25
3430-4830:	IMPROVED OIL COOLER BYPASS VALVE CORRECTS BUZZING NOISE W/16 X 8 SHUTTL	8 / 93	47
5610-7710:	REINFORCED 2ND/6TH/REVERSE SHIFT FORKS IN 8 X 2 TRANS. ANNOUNCED	6 / 89	21
5610-7710:	W/8X2 & CREEPER; CORRECTION FOR INTERNAL PARTS INTERFERENCE	1 / 91	45
5610-7710:	ANTI-SPIN WASHER INCORPORATED TO IMPROVE SHIFTING W/8 X 2 TRANS.	6 / 89	6
<b>TRANSMISSIONS / SYNCHRO.</b>			
2610-4610:	LONGER TRANS. BREATHER, E6NN-7Z165-AA, TO CORRECT OIL SEEPAGE	12 / 88	9
3230-7710:	NEW "134D" OIL SPECIFIED FOR R/A & TRANS. P/N'S. PUBLISHED	7 / 90	29
3430-4630:	W/8X8 OR 16X8; INSTRUCTIONS TO USE CLUTCH FOR FORWARD/REVERSE SHIFTS	9 / 91	24
3430-4630:	8 X 8 & 16 X 8 TRANS. INPUT SHAFT SHIMMING PROCEDURE OUTLINED	11 - 12 / 90	45
3930 - 5030	#82004891 CONNECTOR ASSEMBLY	4 / 96	63
3930-4830:	NEW SYNCHRO.CORRECTS PARTIAL FORWARD/REVERSE ENGAGEMENT W/CAB UNITS	8 / 92	74
3930-4830:	NEW SYNCHRO. REDUCES 3RD TO 2ND SHIFT EFFORT W/CAB UNITS	8 / 92	74
5610-7710:	NEW "134D" OIL SPECIFIED FOR R/A & TRANS. P/N'S. PUBLISHED	7 / 90	29
5610-7710:	CORRECTING INCOMPLETE SHIFT TO CREEPER PROBLEM W/SYNCHRO & CAB OR F. DE	7 / 91	38
5610-7710:	HARD TRANS. SHIFTING W/CAB/FLAT DECK/SYNCHRO CORRECTED W/NEW BELLCRANK	10 / 90	50
5610-7710:	UPGRADED THRUST BEARINGS FOR 8 X 4 SYNCHRO TRANS. ANNOUNCED	9 / 88	8

**3/4 CYL. AGR.**

MOD#	DETAILS	ISSUE #	PAGE
5610-7710:	IMPROVED SYNCHRONIZER FOR 7TH TO 6TH DOWNSHIFT ANNOUNCED	1 / 91	52
5610-7710:	CORRECT HARD SHIFTING W/GREASED BUSHING ON SYNCHRO W/FLAT DECK OR CAB	2 / 90	30
5610-7810:	SHIFT FORKS W/STEEL INSERT FOR SYNCHRO TRANS. INTRODUCED	5 / 90	82
TECH-COM	#9006: 30 SERIES 8 X 8 & 16 X 8 SYNCHRO. TRANS. DETAILS	/ 90	
<b>TRANSMISSIONS      COMPONENTS</b>			
30 SERIES	TRANSMISSION TOP COVER GASKET LEAKS OIL - 30 SERIES 3-CYLINDER TRACTORS	3 / 95	36
<b>TRANSMISSIONS      OIL SYSTEM</b>			
39 SERIES	TRANSMISSION TOP COVER GASKET LEAKS OIL - 30 SERIES 3-CYLINDER TRACTORS	3 / 95	36
<b>WARRANTY      / CAMPAIGN PROGRAMS</b>			
267:	CAMP TO REPLACE GASOLINE CAPS ON 9N-5000 TRACTORS. UPDATED BY S/B 10/93 Pg.	4 / 93	30
286:	CAMP TO INSTALL STARTER SOLENOID TERMINAL SHIELD ON 4 CYL. AGR. ANNOUNCED	12 / 88	11
290:	CAMP FOR 4 CYL. BOSTROM COMFORTIZER SEAT REPLACEMENT PROGRAM EFF.UNTIL 4/30/	12 / 88	13
292:	CAMP TO REPLACE DEFECTIVE FUEL LIFT PUMP GASKET ON ALL 4/6-CYL/BSD ENGINES	12 / 88	15
304:	CAMP TO ADD LOCTITE TO FWA DRIVESHAFT FLANGE BOLTS ON 7610 MUDDER TRACTORS	12 / 88	16
308:	CAMP TO CORRECT FRONT AND REAR WHEEL LUG BOLT BREAKAGE ON 7610 MUDDER	12 / 88	18
309:	CAMP TO REVISE PLUMBING OF THERMOSTART TO AID STARTING W/56/6610 W/"Q" CAB	12 / 88	19
322:	CAMP TO ADD "FP-468", TO 2810-7710 REAR AXLE/TRANS. OIL	9 / 89	10
325:	CAMP TO SECURE DRAWBAR PIN W/#FP-465 RETAINING PLATE ON 5900/7610 MUDDERS	6 / 89	23
377:	CAMP TO INSTALL HIGHER QUALITY FWD PLANETARY GEARS IN 7610 MUDDER TRACTORS	10 / 90	3
401:	SPECIAL IDENTIFICATION OF SAR CLAIMS FOR CUSTOMER WAIVED "USE OF ROPS"	1 / 91	5
401:	CAMP TO INSPECT/FILL W/BALLAST OR REPLACE 2-POST ROPS ON 2810 TO 4610	4 / 90	9
405:	CAMP TO REMOVE & DISCARD PTO MASTER SHIELD SPACERS ON 5610 TO 8210'S	4 / 90	12
475:	CAMP TO INSPECT FOR CORRECT WELDING ON ROPS MOUNTED ON 3 CYL. TRACTORS	3 / 91	14
517:	CAMP TO INSPECT &/OR REPLACE LOWER LIFT LINKS ON 30-SERIES TRACTORS	3 / 92	5
573:	CAMP TO PREVENT STARTER SOLENOID TO BATTERY CABLE ELECTRIC SHORT ON 4830-503	5 / 93	4
582:	CAMP TO REPLACE 3430-5030 CAB STEP ATTACHING BOLTS TO CORRECT LOOSENESS	6 / 93	5
<b>WARRANTY      ADMINISTRATION</b>			
5610S-7810S:	LISTING OF MODEL CODES REQ'D. FOR CLAIMS ON MEXICAN PRODUCTION TRACTORS	5 / 94	51
5610S-7810S:	REMOVE 1ST ZERO IN S/N OF MEXICAN UNITS TO COMPLY W/WARRANTY REQ'D. NO.	6 / 94	50
5900:	EXTENDED SERVICE PLAN (ESP) PRICE SCHEDULE PUBLISHED	9 / 88	4
7710:	AIRESEARCH TURBOCHARGER: WARRANTY/SERVICING/DIAGNOSIS INFO. PUBLISHED	6 / 88	5
MEXICIAN TRAC	SERIAL NUMBERS MEXICIAN TRACTORS	5 / 95	15

# 30 SERIES TRACTOR

MOD#	DETAILS	ISSUE #	PAGE
------	---------	---------	------

STEERING SYSTEMS	VALVES / VALVES HEADS
------------------	-----------------------

TRACTORS	HYDROSTATIC STEERING	10 / 97	78
----------	----------------------	---------	----

TRANSMISSIONS	COMPONENTS
---------------	------------

6530 - 5530 TR	TRANSMISSION SHIFT FAILS, PART #5117500	10 / 97	83
----------------	---	---------	----

2

**NARROW & HIGH CLEARANCE AGR.**

MOD#	DETAILS	ISSUE #	PAGE
<b>AXLES / FRONT WHEEL ASSIST</b>			
7530:	ELIMINATING POSSIBLE CAUSES FOR FRONT-WHEEL-ASSIST COMPONENT FAILURES	8 / 94	89
<b>ELECTRICAL SYSTEMS COMPONENTS</b>			
4330V - 4430 T	ELECTRICAL CONTROLS - MULTIFUNCTION SWITCH	3 / 98	55
<b>ENGINE BLOCK</b>			
ENGINE HEATERS	ENGINE COOLANT HEATERS	10 / 96	37
<b>ENGINE CONNECTING RODS/PISTO</b>			
3-CYLINDER	CONNECTING RODS/PARTS INFORMATION	8 / 95	79
<b>ENGINE COOLING SYSTEM</b>			
ENGINE HEATERS	ENGINE COOLANT HEATERS	10 / 96	37
<b>ENGINE FUEL SYSTEM</b>			
	DIESEL FUEL CONDITIONER #251202 INFORMATION	1 / 91	4
<b>LUBRICATION</b>			
3830-7530:	M2C134-D OIL NOT COMPATIBLE W/ORIGINAL FACTORY OIL; DRAIN & REPLACE	3 / 93	42
<b>PUBLICATIONS</b>			
3830-4430:	S/M'S FOR NARROW TRACTORS ARE 60354222800,6035422801,6035422802	8 / 92	1
3830-7530:	S/M'S & TIME SCHEDULES;NARROW/HIGH CLEARANCE TRACTORS.ALSO SEE 8/93 Pg.	8 / 93	1
3830-7530:	CROSS REFERENCE FROM FIATAGRI TO FORD MODEL NUMBERS	8 / 92	1
5530-7530:	S/M'S FOR HIGH CLEARANCE TRACTORS ARE 6035424100, 6035424101	8 / 92	1
<b>STARTING SYSTEMS</b>			
3830-7530:	INSTALL STARTER SOLENOID SHIELD BELOW SPECIFIED S/N'S.	CAMP 6	1 / 94 5
<b>STARTING SYSTEMS BLOCK</b>			
ENGINE HEATERS	ENGINE COOLANT HEATERS	10 / 96	37
<b>STARTING SYSTEMS COOLING SYSTEM</b>			
ENGINE HEATERS	ENGINE COOLANT HEATERS	10 / 96	37
<b>STEERING SYSTEMS VALVES / VALVES HEADS</b>			
TRACTORS	HYDROSTATIC STEERING	10 / 97	78
<b>WARRANTY / CAMPAIGN PROGRAMS</b>			
609:	CAMP TO INSTALL STARTER SOLENOID SHIELD BELOW SPECIFIED S/N'S ON 3830-7530	1 / 94	5
<b>WARRANTY ADMINISTRATION</b>			
3830-7530:	EFFECTIVE 7/15/93, SUBMIT ALL SAR CLAIMS VIA FORD TRACTOR WARRANTY SYST	8 / 93	49

# 10S SERIES TRACTOR

MOD#	DETAILS	ISSUE #	PAGE
<b>HYDRAULIC ACCESSORIES</b>			
3010 TRACTORS	PREDELIVERY INSPECTION AND QUALITY REVIEW	8 / 97	44
<b>HYDRAULIC LIFT SYSTEM</b>			
3010S TRACTOR	HYDRAULIC TAPING POINT	12 / 96	65
<b>LOADERS</b>			
7309 FRONT END	MID-MOUNT FIT	6 / 97	19
<b>PUBLICATIONS ADMINISTRATION</b>			
3010 TRACTORS	OPERATOR'S MANUALS FOR 3010 TRACTORS	8 / 97	43
<b>STEERING SYSTEMS VALVES / VALVES HEADS</b>			
TRACTORS	HYDROSTATIC STEERING	10 / 97	78

4

# 35 SERIES TRACTOR

MOD#	DETAILS	ISSUE #	PAGE
<b>ASS'Y./ADJUSTMENT/OP</b>			
TECH COM	#9605 INTRODUCTION TO THE 35 SERIES	/ 96	5
<b>BRAKES SPECIFICATIONS</b>			
35-60 SERIES T	BRAKE FLUID	9 / 97	124
<b>ENGINE AIR INDUCTION, TURBO, E</b>			
4835 - 5635 TR	MUFFLER OUTLET PIPE SUPPORT BRACKET	12 / 96	68
<b>ENGINE HEAD</b>			
35 SERIES TRAC	NEW HOLLAND/IVECO ENGINE VALVE COTTERS	11 / 96	32
<b>HYDRAULIC</b>			
TECH-COM	#9708: 35 SERIES HYD	/ 97	8
<b>HYDRAULIC LOADERS</b>			
4835 - 7635 TR	JOYSTICK SERIAL NUMBER BREAK	3 / 98	75

# 40 SERIES TRACTOR

MOD#	DETAILS	ISSUE #	PAGE
5640-8340:	IMPROVED CLAMP TO CORRECT LEAKAGE AT CLUTCH/BRAKE RESERVOIR ON SL & SLE	8 / 93	40
<b>FUEL SYSTEM</b>			
5640 - 8340 TR	FUEL LEAKS FROM THE DRAIN PLUG OF THE AUXILIARY FUEL TANK	9 / 96	92
<b>AIR CONDITIONING SYS</b>			
5640 - 8340	DISABLED AIR-CONDITIONING SYSTEM - 5640-8340 POWERSTAR TRACTORS	9 / 95	28
5640 - 8340	AIR-CONDITIONING REFRIGERANT - 5640 TO 8340 AGRICULTURAL TRACTORS	3 / 95	30
5640 - 8340	AIR-CONDITIONING COMPRESSOR FAILURE - 5640, 6640, 7740, 7840, 8240, 834	6 / 95	17
5640 - 8340	AIR-CONDITIONING REFRIGERANT - 5640 TO 8340 AGRICULTURAL TRACTORS	5 / 95	79
5640-8340:	A/C LINES DO NOT HAVE TO BE SEPARATED TO SPLIT TRACTOR	8 / 94	79
5640-8340:	FNH00890 SPRING LOCK COUPLING TOOL REQ'D. TO SEPARATE A/C LINES	8 / 94	79
5640-8340:	R134a REFRIGERANT USED EFF. 3/94; SERVICE PRECAUTIONS R134a VS. R12	1 / 95	4
5640-8340:	SHORTER FAN BELT #F3NN-8620-AA REQ'D. W/R134a A/C SYSTEM EFF. 3/17/94	9 / 94	47
CAMPAIGN 713	CAMPAIGN 713 - AIR-CONDITIONING	4 / 96	27
<b>AIR CONDITIONING SYS / CAMPAIGN PROGRAMS</b>			
PARTS	PARTS ORDERING FOR CAMPAIGN 713	4 / 96	28
<b>AIR CONDITIONING SYS ADMINISTRATION</b>			
5640 - 8340	OPENING CAMPAIGN 713 PARTS TO NORMAL ORDER PROCESS	6 / 96	55
<b>AIR CONDITIONING SYS COMPONENTS</b>			
40 SERIES	AIR-CONDITIONER COMPRESSORS - 40 SERIES TRACTORS WITH R134A AIR-COND.	11 / 95	65
<b>AIR CONDITIONING SYS GENERAL SYSTEMS</b>			
MISC. EQUIPMEN	SANDEN LUBRICATING OIL FOR SANDEN R134A AIR-CONDITIONING SYSTEMS	1 / 97	39
<b>AIR CONDITIONING SYS OIL SYSTEM</b>			
MISC. EQUIPMEN	SANDEN LUBRICATING OIL FOR SANDEN R134A AIR-CONDITIONING SYSTEMS	1 / 97	39
<b>AIR CONDITIONING SYS SPECIFICATIONS</b>			
5640 - 8340	CAMPAIGN 713 - AIR-CONDITIONING	5 / 96	44
<b>AIR CONDITIONING SYS SYSTEMS</b>			
5640 - 8340 AG	R12 TO R134A AIR-CONDITIONING REFRIGERANT RETROFIT	9 / 97	133
<b>AIR CONDITIONING SYS TROUBLESHOOTING</b>			
5640 - 8340	DISABLED AIR-CONDITIONING SYSTEM - 5640-8340 POWERSTAR TRACTORS W/R134A	9 / 95	28
<b>ATTACHMENT / LOADERS</b>			
7210-7411:	RELOCATION INFORMATION TO CORRECT RADAR GUN INTERFERENCE W/LOADER FRAME	2 / 93	21
7210-7411:	REPOSITIONING FLASHER LIGHTS TO CORRECT CAB-TO--LOADER INTERFERENCE	11 - 12 / 92	40
7210-7413:	IMPROVE LOADER CYCLE TIME W/NEW TRACTOR HYD. LINES FOR S & SL MODELS	6 / 93	43
7412HD-7413:	USE #9861504 KIT TO UPGRADE 3-TINE GRAPPLE FORK #9617765 TO DOUBLE CYLS	4 / 93	23
<b>AXLES</b>			
5640 - 8340	FWD FRONT AXLE UNIVERSAL JOINTS	8 / 96	62
5640 - 8340	REAR AXLE BUCKLE-UP BOLTS LOOSEN - 5640, 6640, 7740, 7840, 8240, & 8340	7 / 95	60
8240 - 8340	NH FXD AXLE - 8240 AND 8340 TRACTORS	5 / 95	87
<b>AXLES / FRONT</b>			

6

## 40 SERIES TRACTOR

MOD#	DETAILS	ISSUE #	PAGE
5640-8340:	REPLACE FRONT AXLE PIVOT PIN RETAINING BOLTS & INCREASE TORQUE. CAMP 6	9 / 94	4
5640-8340:	CHECK FRONT AXLE TRACK ROD BOLT TORQUE. CAMP 6	9 / 94	4
<b>AXLES / FRONT WHEEL ASSIST</b>			
3430 - 5030	FRONT AXLE PINION NUT - 3430, 3930, 4630, AND 5030 AGRICULTURAL TRACTOR	6 / 95	19
5640-7740:	NH FWA AXLE P/N'S EFF. 4K26 (10/26/94). PARTS BULL. #16 12/	12 / 94	
5640-8340:	IMPROVED INPUT SHAFT SEAL PARTS FOR CARRARO AXLES ANNOUNCED	1 / 95	21
5640-8340:	TWO DOG FWD OUTPUT SHAFT SLIDING COUPLER REPLACES 4 DOG COUPLER EFF. 3C	4 / 94	42
5640-8340:	BELLEVILLE WASHERS REMOVED FROM LIMITED SLIP "CAR" DIFFERENTIAL	8 / 93	44
8240-8340:	REPLACE UNDER HOOD "DATA DECAL" THAT HAS WRONG FWD FACTOR CAMP 5	11 - 12 / 92	3
<b>AXLES / REAR</b>			
5640-8340:	INCORRECT COOLER TUBE TO PTO VALVE CAUSING R/A OVERHEATING & CLUTCH WEA	6 / 94	49
<b>AXLES REAR</b>			
40 SERIES	REAR AXLE TO TRANSMISSION BUCKLE-UP BOLTS LOOSEN	7 / 95	60
<b>BATTERIES</b>			
5640-8340:	BATTERY CARE IN STORAGE INFO. & BATTERY CARE NOTE ADDED TO SHIPPING LAB	6 / 94	48
5640-8340:	#F0NN-10A785-AB BATTERY BOX LATCH W/POSITIVE ENGAGEMENT AVAILABLE	2 / 93	14
<b>BRAKES</b>			
5640-8340:	SL & SLE W/UNDERTORQUED BRAKE PIPE UNIONS; 8/16/94 TO 10/10/94 REPORTED	1 / 95	16
5640-8340:	LOOSE HAND BRAKE CABLE ADJUSTING NUTS BEFORE 7/13/94 REPORTED	1 / 95	19
5640-8340:	SL/SLE'S; REVISED BRAKE BLEEDER SCREW, P/N F2NN-2N500-AA, EFF. 9/14/92	8 / 93	38
5640-8340:	SL/SLE'S; MINERAL BASE SPECIAL BRAKE/CLUTCH FLUID IS P/N FP-595	3 / 92	34
IND. TRACTORS	BRAKE ROD BOOT A-B-C- AND D-SERIES INDUSTRIAL TRACTORS AND 10 AND 30	9 / 95	20
<b>BRAKES COMPONENTS</b>			
40 SERIES TRAC	HAND BRAKE SWITCH ASSEMBLY	9 / 97	131
<b>BRAKES RESERVOIRS</b>			
5640 - 8340	BRAKE RESERVOIR CAP - 5640, 6640, 7740, 7840, 8240, 8340 AG. TRACTORS	8 / 96	47
<b>BRAKES SPECIFICATIONS</b>			
35 - 60 SERIES	BRAKE FLUID	9 / 97	124
<b>CAB / LOADERS</b>			
5640 - 8340	REMOVABLE PLATE FOR LOADER JOYSTICK INSTALLATION (HYDRAULIC PACKAGES)	1 / 96	23
<b>CAB GASKETS / SEALS</b>			
5640 - 8160 TR	CAB ROOF LINER WATER STAINS	3 / 98	38
<b>CAB GENERAL SYSTEMS</b>			
5640-8340:	ADD LOCK WASHER TO STEP RETAINING HARDWARE TO PREVENT HARDWARE LOOSENIN	10 / 93	28
5640-8340:	CAUSAL AREAS & CORRECTIONS FOR WATER LEAKAGE INTO CAB HEADLINER AREA	5 / 93	51
5640-8340:	IMPROVING CAB FENDER TRIM RETENTION ON UNITS PRIOR TO 3/16/92	10 / 92	68
<b>CAB HEATER / BLOWER</b>			
5640-8340:	PREVENT HEATER HOSE SCUFFING W/PROPER LOCATION OF HOOD PROTECTIVE STRIP	5 / 93	39
<b>CHARGING SYSTEMS</b>			
5640-8340:	REVISED ALTERNATORS USED ON 40 SERIES EFF. 3G01 ELIMINATE BATT. SENSOR	6 / 94	46

## 40 SERIES TRACTOR

MOD#	DETAILS	ISSUE #	PAGE
<b>CLUTCHES &amp; CLUTCH LI</b>			
5640-8340:	SLE'S; IMPROPER CLUTCH CONTROL CABLE ADJ. MAY CAUSE IMMOBILIZATION	11 - 12 / 92	41
5640-8340:	W/12X12; P/N FOR CLUTCH RELEASE BEARING FLUID IS M6C59A01L	7 / 94	32
5640-8340:	W/12X12; RELEASE BEARING CYL. ASS'Y. FLUID LEAK CORRECTED W/FONN-7580-A	7 / 94	32
5640-8340:	W/12X12; NEW RELEASE BEARING CYL. ASS'Y., FONN-7580-AA. ALSO S/B 7/94, Pg.	6 / 94	37
5640-8340:	IMPROVED CLAMP TO CORRECT LEAKAGE AT CLUTCH/BRAKE RESERVOIR ON SL & SLE	8 / 93	40
5640-8340:	W/12X12; NEW RELEASE BEARING SEAL KIT, #82001918, EFF. 6/17/93	6 / 94	37
5640-8340:	SL'S; MINERAL BASE SPECIAL CLUTCH FLUID IS P/N FP-595	3 / 92	34
7740-7840:	SL ORGANIC CLUTCH DISC REPLACED W/F1NN-7550-BA CERAMETALLIC EFF. 1/29/9	8 / 93	42
<b>CLUTCHES &amp; CLUTCH LI BELTS</b>			
5640 - 8340 TR	CLUTCH CALIBRATION PROCEDURE	10 / 96	43
<b>CLUTCHES &amp; CLUTCH LI CLUTCH</b>			
40 SERIES	CLUTCH RELEASE BEARING ASSEMBLY - 40 SERIES TRACTORS WITH SL 12 X 12 TR	7 / 95	48
5640 - 8340	HYDRAULIC RELEASE BEARING	8 / 96	65
<b>CLUTCHES &amp; CLUTCH LI SPECIFICATIONS</b>			
5640 - 8340 TR	CLUTCH CALIBRATION PROCEDURE	10 / 96	25
<b>CONTROLS &amp; LINKAGES</b>			
5640-7740:	REVISIONS TO FUEL SHUT OFF CABLES & CABLE DIMENSIONS BY MODEL	9 / 94	39
5640-7740:	REPLACE INCORRECTLY POSITIONED FOOT THROTTLE ON "S" MODELS	9 / 92	26
<b>CONTROLS &amp; LINKAGES / POWER SHIFT</b>			
5640 - 8340	16 X 16 HI/LO RANGE KNOB - 5640, 6640, 7740, 7840, 8240, 8340 SLE TRACT	3 / 95	35
<b>CUTTERBAR BELTS</b>			
8670 - 8970	TRANS. LIMP HOME SWITCH #FNH00539 - 8670 - 8970 AGRICULTURAL TRACTORS	4 / 95	50
<b>DRAWBAR</b>			
5640-8340:	NEW DRAWBAR, #86511313 W/3" STEP ANNOUNCED	7 / 94	47
<b>DRAWBAR TORQUE SPECIFICATIONS</b>			
5640, 6640, 77	DRAWBAR RETAINING BOLTS	1 / 97	36
5640-8340:	TORQUE FRONT & REAR DRAWBAR HANGER BOLTS TO SPECS. OUTLINED @50 HR.	9 / 92	36
<b>DRIVE PUMPS/MOTORS</b>			
5640 - 8340	HYDRAULIC PUMP DRIVE IDLER GEAR - 5640 TO 8340 S, SL, & SLE TRACTORS	7 / 95	54
<b>DRIVESHAFT/DRIVELINE /DUAL POWER</b>			
5640 - 8340 TR	SL 24 X 24 DUAL POWER TRANSMISSION	3 / 97	18
<b>ELECTRICAL SYSTEMS</b>			
5640-7740:	REPOSITIONING OF FLASHER LIGHTS WHEN INSTALLING 7210/7411 LOADER	11 - 12 / 92	40
5640-8340:	DIAGNOSTIC TEST PLUG COVER DELETED FROM PROD. EFF. 3L09 (12/09/93)	9 / 94	34
5640-8340:	SOURCES FOR Y-ADAPTER KIT TO EXTEND TRACTOR RADAR SIGNAL TO IMPLEMENTS	6 / 94	31
<b>ELECTRICAL SYSTEMS / WIRING</b>			
5640 - 8340	FAIL DISPLAYED IN EIC	7 / 95	60
5640-8340:	REROUTING; W/CAB, TILT/TELESCOPING STEERING COLUMN WIRING	CAMP 5	8 / 92
<b>ELECTRICAL SYSTEMS COMPONENTS</b>			

## 40 SERIES TRACTOR

MOD#	DETAILS	ISSUE #	PAGE
40 SERIES TRAC	TRANSMISSION OIL PRESSURE SWITCHES	9 / 97	150
40 SERIES TRAC	HAND BRAKE SWITCH ASSEMBLY	9 / 97	131
<b>ELECTRICAL SYSTEMS FUSED HARNESS</b>			
40 SERIES TRAC	FUSE 11 FAILURE (HORN, HEAD LAMP FLASH, CIGARETTE LIGHTER & ROOF BEACON	9 / 97	130
<b>ELECTRICAL SYSTEMS GENERAL SYSTEMS</b>			
40 SERIES TRAC	FUSE 11 FAILURE (HORN, HEAD LAMP FLASH, CIGARETTE LIGHTER & ROOF BEACON	9 / 97	130
<b>ELECTRICAL SYSTEMS RADIO</b>			
5640 - 8560	RADIO INSTALLATION	6 / 96	57
<b>ELECTRICAL SYSTEMS SYSTEMS</b>			
5640 - 8340	40 SERIES IMPL STATUS SWITCH CONN - 5640 - 8340 POWER AG TRACTORS	6 / 95	23
<b>ELECTRICAL SYSTEMS WIRING</b>			
5640 - 8560 TR	7-PIN TRAILER CONNECTOR	11 / 96	46
<b>ENGINE AIR INDUCTION, TURBO, E</b>			
5640 - 6640 -7	AIR INTAKE SYSTEM	11 / 97	44
5640 AND 8340	DRY AIR FILTERS	9 / 96	72
5640, 8340 TRA	GRILLE SCREENS AND HOOD SEALS	12 / 96	64
5640-6640:	ABOVE HOOD VERTICAL MUFFLER CLAMP SHIPPED W/LOOSE PARTS COMPLETING PKG.	3 / 94	33
5640-8340:	NEW AIR CLEANER-TO-HOOD SEAL, P/N 82003681, USED EFF. 9/9/94	1 / 95	
8340	NORMALLY-ASPIRATED ENGINE REPLACEMENT - PARTS AVAILABILITY	2 / 95	26
8340:	AIR CLEANER ON 8340 T FITTED INCORRECTLY FROM 12/21/93 TO 5/5/94 REPORT	8 / 94	
<b>ENGINE BLOCK</b>			
2450 - 2550	2450 AND 2550 WINDROWERS AND 5640 TO 8340 AG TRACTORS - ENGINE CYLINDER	4 / 95	37
3-4-6 CYLINDER	#E3HN-6A255-AB CAM SHAFT DRIVE ADAPTER	9 / 96	73
ENGINE HEATERS	ENGINE COOLANT HEATERS	10 / 96	37
<b>ENGINE CLUTCH</b>			
5640, 6640, 77	FLYWHEEL THICKNESS AFTER MACHINING	9 / 96	90
<b>ENGINE CONNECTING RODS/PISTO</b>			
3-CYLINDER	CONNECTING RODS/PARTS INFORMATION	8 / 95	79
5640-8340:	WRIST PIN TO CROWN HEIGHT IDENTIFICATION OF ALL PISTONS	11 - 12 / 93	33
ALL UNITS:	PISTON RING LAND & PISTON RING BREAKAGE CAUSES OUTLINED	4 / 92	29
<b>ENGINE COOLING SYSTEM</b>			
	TEST KIT TO DETERMINE % OF COOLANT CONDITIONER IN COOLANT MIXTURE	1 / 92	5
3930 - 8210 TR	THERMOSTAT	4 / 97	24
5610S - 7810S	INSUFFICIENT ANTIFREEZE PROTECTION - 5610S, 6610S, 7610S, 7810S TRACTOR	3 / 95	32
5640-8340:	REDESIGNED PLASTIC COOLANT FILLER CAP, E8NN-8C083-BB, TO PREVENT LEAKAG	6 / 93	42
5640-8340:	SHORTER FAN BELT #F3NN-8620-AA REQ'D. W/R134 A/C SYSTEM EFF. 3/17/94	9 / 94	47
5640-8340:	ALTERNATE COOLANT DRAIN METHOD W/UNITS PRIOR (2K20) W/WRONG LOCTITE	3 / 93	34
ENGINE HEATERS	ENGINE COOLANT HEATERS	10 / 96	37
TECH-COM	#9205: TROUBLESHOOTING & REPAIRING COOLING SYSTEM OVERHEATING	/ 92	
<b>ENGINE CYLINDERS</b>			

MOD#	DETAILS	ISSUE #	PAGE
5640 - 8340 TR	PISTON FAILURE	4 / 97	23
<b>ENGINE                      FILTRATION SYSTEM</b>			
3-4-6 CYLINDER	ENGINE ROCKER COVER FILTER	10 / 96	42
<b>ENGINE                      FUEL INJECTION SYSTEM</b>			
TECH-COM	#9304: LUCAS CAV MODEL DPS ROTARY FUEL INJECTION PUMP	/ 93	
<b>ENGINE                      FUEL SYSTEM</b>			
	DIESEL FUEL CONDITIONER #251202 INFORMATION	1 / 91	4
5640-8340:	INCORRECTLY WIRED FUEL GAUGE CAUSES INOPERATIVE/INACCURATE GAUGE	9 / 92	29
5640-8340:	FUEL TANK COLLAPSE CORRECTED W/IMPROVED VENTED CAP. GOLD VS. SILVER COL	8 / 92	64
ALL UNITS:	REDUCED LUBRICATION CONCERN WITH LOW-SULPHUR DIESEL FUEL. ALSO S/B 5/94	2 / 94	5
D-SERIES	FUEL SHUTOFF SOLENOID FAILURES - D-SERIES BACKHOE LOADERS, 10/30/40 TRA	5 / 95	40
TECH-COM	#9205: DESCRIPTION/OPERATION/TROUBLESHOOTING/DIAGNOSING FUEL SYSTEM	/ 92	
<b>ENGINE                      GASKETS / SEALS</b>			
	FRONT CRANKSHAFT OIL SEAL LEAKS	8 / 96	34
5640 - 8340 TR	FIRE WALL BULKHEAD FOAM SEAL	10 / 96	44
<b>ENGINE                      GENERAL SYSTEMS</b>			
TECH-COM	#9205: DESCRIPTION/OPERATION/TROUBLESHOOTING/DIAGNOSING ENGINE SYSTEM	/ 92	
<b>ENGINE                      HEAD</b>			
3-4-6- CYLINDE	ENGINE ROCKER COVER FILTER	10 / 96	42
<b>ENGINE                      SPECIFICATIONS</b>			
5640-8340:	MAXIMUM ANGLE OF OPERATION W/O LOSSING OIL PRESSURE PUBLISHED	6 / 93	39
<b>FINAL DRIVE ASS'YS.      LENGTH-OF-CUT</b>			
5640 - 8340	REAR AXLE BUCKLE-UP BOLTS LOOSEN - 5640, 6640, 7740, 7840, 8240, & 8340	7 / 95	60
<b>FRAMES                      LIFT SYSTEM</b>			
5640 - 8340	5640 TO 8340 AGRICULTURAL TRACTORS LESS ELECTRONIC DRAFT CONTROL	4 / 95	46
<b>GAUGES / SWITCHES / T</b>			
5640-8340:	INCORRECTLY WIRED FUEL GAUGE CAUSES INOPERATIVE/INACCURATE GAUGE	9 / 92	29
<b>GAUGES / SWITCHES / T      FUEL SYSTEM</b>			
5640 - 8340	FUEL TANK - 5640, 6640, 7740, 7840, 8240, AND 8340 AG. TRACTORS	5 / 95	85
<b>HYDRAULIC</b>			
6640 - 8340	ELECTRONIC DRAFT CONTROL (EDC) TOP COVERS	5 / 96	44
<b>HYDRAULIC                      LIFT SYSTEM</b>			
5640 - 8340	SEALING HYDRAULIC LIFT COVER TO REAR AXLE CENTER HOUSING 5640-8340 TRAC	3 / 95	34
5640-7840:	OPERATOR MANUAL SUPPLEMENT FOR ELECTRONIC DRAFT CONTROL FEATURE ON SL'S	5 / 93	17
5640-8340:	INCORRECT LYNCHPIN IN LIFT ARM PIN FROM 1/1/94 TO 3/1/94 REPORTED	1 / 95	20
5640-8340:	"07" VERSION OF EEC IV MODULE PREVENTS EXCESSIVE EDC DROP RATE	3 / 93	37
5640-8340:	AUX. SERVICES CONTROL LEVER DELETED FROM PRODUCTION ON 4/6/92	8 / 92	55
5640-8340:	REPLACE "BRITTLE" FLEXIBLE LOWER LINK ENDS	5 / 93	6
	CAMP 5		
<b>HYDRAULIC                      PUMPS/MOTORS</b>			
5640-8340:	SPECIAL ADAPTER BLOCK, #FNH00370 INTRODUCED TO TEST CCLS PUMP PERFORMAN	8 / 94	102

6