

Minneapolis Moline "D" Service Bulletins

ID #	Topic	Description
Baler		
D 56	Bale-O-Matic	Starting Instruction, supplement to S 133
D 59	Bale-O-Matic	Field changes SN 500,001-500,301
D 66	Bale-O-Matic	Supplement to S 133A, Starwheel, bale trip, needle...
D 69	Bale-O-Matic	New plunger stop, installation
D 72	Bale-O-Matic	Installation of automatic Bale tension attachment
D 97	Bale-O-Matic	Installation of forged plunger pipe collar
D 101C	Bale-O-Matic	K3, Supplement to 101, procedure for eliminating breakage
D 122	Bale-O-Matic	Greasing flywheel
D 127	Bale-O-Matic	Installation of plunger Latch control spring
D 135	Bale-O-Matic	Installation of Auger Extension
D 136	Bale-O-Matic	New wire chute
D 137	Bale-O-Matic	New hay deflector
D 139	Bale-O-Matic	New collapsible core for wire spool
D 144	Bale-O-Matic	Rebuilding plate on double drive gear for wire holder
D 145	Bale-O-Matic	Wire spool collapsible core length
D 146	Bale-O-Matic	Wisconsin engine, starting procedures
D 148	Bale-O-Matic	Installation of new trip mechanism
D 161	Bale-O-Matic	Proper position of wire holding lug
D 186	Bale-O-Matic	Auger Support Bearings
D 218	Bale-O-Matic	Removing tape from distributor breather holes
D 224	Bale-O-Matic	Field installation of wire clipping eliminator
D 286	Bale-O-Matic	Converting Bale-O-Matic to one stroke tie
D 101	Before 7515 000561	Changeover parts
D 101B	Early	Wire puller connecting link & guard installation
D 95	K	Installation of bale side compressor equipped with auto comp.
D 331	Pull Behind Twine	Removing slugs or foreign objects from balers
D 331	UNI	Removing slugs or foreign objects from balers
Bearing		
D 238	Self Aligning	Lock collars for self-aligning bearings
Combine		
D 382	2890	Install Hydraulic control valve end plate etc for 3-row corn head
ID #	Topic	Description

Minneapolis Moline "D" Service Bulletins

Cultivator

D 175	AG	Modifying to cultivate 34" rows
D 376	FT 200	If trunnion cannot rotate freely
D 177	RC	Rotary hoe attachment
D 182	RC	TF-15 fertilizer attachment

Drill

D 100	24-6	Balance springs
D 100	28-6	Balance springs
D 176	All	Extension handle for grain dial hand
D 197	All	Support Stand for grain drills
D 130	Double Disc	Installation of washer disc shaft
D 172	Double Disc	Servicing double disc openers
D 179	Double Disc	Lubrication of bearing on double disc openers
D 55A	Double Run	Install low type pneumatic wheel & Axle Equip.
D 55 A	Fluted	Install low type pneumatic wheel & Axle Equip.
D 181	PF 3	Installation of Pneumatic tire assembly
D 171	Uni-Matic Lift	Balance Springs for grain drills with lift
D 117	w/Steel Hoppers	Change of Balance spring

Engine

D 160	1210-12	Torque wrench reading
D 94	1210-12A	Ball bearing replacement on Gould water pump
D 193	165	Valve rotators
D 160	165-4	Torque wrench reading
D 71	165-4A	Oil pressure check
D 193	206	Valve rotators
D 71	206A-4A	Oil pressure check
D 74	206B-4	Correct Connecting bearing inserts
D 160	206B-4	Torque wrench reading
D 160	403-4	Torque wrench reading
D 160	605-6	Torque wrench reading
D 290	All	Perfect circle 2 in 1 chrome ring sets, 1955 publication
D 316	All	Bearing Replacement
D 191	Bearing	Engine bearing sizes, crankshaft polish
D 363	Cylinder Heads	Specifications
D 360	Diesel	Diesel Engine Timing
D 46	Early	Undersize Engine Bearings
D 71	EE	Oil pressure check
D 64	Ensign Equip.	Instructions for adjusting
D 2	HC cylinder head	Magneto Settings & Spark plugs (OBS)
D 94	HUA	Ball bearing replacement on Gould water pump
D 26	KEF	Valve Clearance

ID #	Topic	Description
D 279	Magneto	CBR series Bendix Scintilla Magneto timing

Minneapolis Moline "D" Service Bulletins

D 381	New	Lube oil Specs & drain intervals
D 39	Oil Pump	RE, 206-4. 165-4. Adjusting Oil pressure
D 185	Overhead Valve	Release Type valve Rotators
D 377	Piston	Installing telfon seals & wear strip on Power steering piston
D 7	RE	Spark Plugs (OBS)
D 11	RE	Magneto setting on Z tractors (OBS)
D 12	RE	Governor on RE engine on Z tractor (OBS)
D 13	RE	Water pump, on Z tractor & G-3 combine (OBS)
D 16	RE	Overhauling Governor on Z tractor (OBS)
D 32	RE	Install RE 5351D crank shaft on Z, Power Units & Harvester
D 35	RE	Install on Universal J & STD J
D 71	RE	Oil pressure check
D 193	RE	Valve rotators
D 17	RE/KEC/KED/GE	Tractor/Harvester revised valve clearances (OBS)
D 124	Spark Plug	Use of proper spark plug heat range
D 124A	Spark Plug	Supplement to D 124
D 284	Spark Plug	Selection & maintenance
D 173	Starter	Breakage of starting motor housing

Equipment

D232	Belt	Install/operate Flat & "V" Belt
D 15	Retailing	Service Shop plant & Layout suggestions (OBS)

Fertilizer Dist.

D 209	11	Speed-up bundle
D 209	12	Speed-up bundle
D 209	13	Speed-up bundle
D 209	14	Speed-up bundle
D 209	15	Speed-up bundle
D 209	TF-10	Speed-up bundle

Forager

D 295	All	Direct cut hay head available for installation
D 245	CF	Lifting spring tension adjustment
D 247	CF	Vertical shear bar adjustment
D 262	CF	PTO drive procedure of assembling
D 261	LF	UNI, side delivery spout attachment
D 247	UNI	Vertical shear bar adjustment

Hammer Mill

D 22	MHD	Pulley sizes & recommended speeds, all brand tractors
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ID #	Topic	Description
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Harvester

Minneapolis Moline "D" Service Bulletins

D 25	69	Lubrication Chart
D 27	69	Auxiliary cylinder bar attachment
D 36	69	Interference of swivel collar & brace gusset plat
D 58	69	Clip for rubber bushing in sickle head connector
D 102	69	Countershaft bearing alignment
D 109	69	Flax roller attachment
D 113	69	Installation of clean out opening on "69" w/flax rollers
D 115	69	Straw rack rocker are torsional bushing installation
D 126	69	Instruction for installation of unloading auger
D 195	69	Revised Scourkleen Screen
D 202	69	PTO drive slip clutch
D 255	69	Strawrack fishbacks
D 282	69	New type slip clutch for PTO driven harvesters
D 307	69	Mounting Scourkleen on harvesters w/spot-welded grain tanks
D 312	69	Friction disc slip clutch inspection
D 320	69	Spring tooth cylinder & concave available for installation
D 255	88	Strawrack fishbacks
D 282	88	New type slip clutch for PTO driven harvesters
D 285	88	New drives
D 307	88	Mounting Scourkleen on harvesters w/spot-welded grain tanks
D 312	88	Friction disc slip clutch inspection
D 320	88	Spring tooth cylinder & concave available for installation
D 257	All	Cylinder speed charts
D 85	Early	Install powerflow control linkage
D 143	G	Installation of shield on concave fingers & covers on straw rack
D 48	G 14 S	Maintenance for transmission drive belt
D 28	G 4	Lubrication Chart
D 65	G 4	Install of hydraulic Lift
D 103	G 4	Flax Roller attachment
D 112	G 4	Installation of unloading auger
D 114	G 4	Changes on the return bottom
D 116	G 4	Drive sprocket for upper flax roller
D 149	G 4	Adjusting drive chains on flax roller attachment
D 187	G 4	Field Changes on harvesters w/flax rollers
D 235	G 4	Chain Drive conversion
D 251	G 4	Rock trap concave
D 294	G 4	Engine driven hydraulic lift
ID #	Topic	Description
D 19	G/JR	Adjustments, grain over racks, shoes, raddle breakage (OBS)
D 30	J 2	Lubrication Chart

Minneapolis Moline "D" Service Bulletins

D 24	J 2/G 4	Instructions for installing new type header apro
D 1	JR	Hitching to Interational w/wide drawbar (OBS)
D 9	JR	Operating & Servicing regular and JR harvester:
D 187	LA	Field Changes on harvesters w/flax rollers
D 188	LA	Field changes on LA Uni Harvester
D 79	MM	Cylinder drive belt installation
D 108	S	Flax roller attachment
D 114	S	Changes on the return bottom
D 120	S	Drive sprocket for upper flax roller
D 129	S	Installation of wide rear axle
D 142	S	Installation of pickup attachment
D 143	S	Installation of shield on concave fingers & covers on straw rack
D 187	S	Field Changes on harvesters w/flax rollers
D 196	S	Ross Cam & Lever Steering Gear
D 206	S	Relocating the picker beater
D 235	S	Chain Drive conversion
D 251	S	Rock trap concave
D 252	S	Power steering conversion bundle
D 253	S	Service procedure for Thomas Vari-Drives
D 256	S	Lighting equipment
D 263	S	Deflector over pickup attachment
D 267	S	Foot clutch & transmission drive belt adjustmen
D 70	S 14	Installation of pick-up Assembly
D 89	Self Propelled	Reinforcing header sections
D 89A	Self Propelled	Reinforcing header sections
D 90	Self Propelled	Install of "V" belt drive from engine to powerflow unit
D 104	Self Propelled	Unloading auger drive belt tension & Clutch drive sheave
D 196	SR	Ross Cam & Lever Steering Gear
D 231	SR	Platform extension braces
D 251	SR	Rock trap concave
D 252	SR	Power steering conversion bundle
D 253	SR	Service procedure for Thomas Vari-Drives
D 263	SR	Deflector over pickup attachment
D 195	UNI	Revised Scourkleen Screen
D 199	UNI	Straw spreader attachment
D 211	UNI	Installation of new style pick-up
D 212	UNI	Straw spreader
D 233	UNI	Cylinder Speeds
D 255	UNI	Strawrack fishbacks
D 273	UNI	Cleaning fan deflectors
D 297	UNI	Sacking attachment available for installation
ID #	Topic	Description
D 317	UNI	Installing the header trough braces for 1956 Uni-Harvesters
D 320	UNI	Spring tooth cylinder & concave available for installation

Minneapolis Moline "D" Service Bulletins

Husker	D 330	UNI	Header extension for LA Uni harvester with 3" spaced guards
	D 369	250	Extra equipment for 250 Huskor
	D 272	All	Instructions for making assembly jack for replacing husking roll
	D 293	All	Install instructions for snapping roll bearing alignment shims
	D 73	HK	Installation of Hydraulic Lift on 1 & 2 row
	D 240	LC	Uni-huskor, Lock Brace, omitted from S 161
	D 234	Mounted	Lubrication of gear boxes
	D 234	One Row	Lubrication of gear boxes
	D 157	RH	Correction to S 151
	D 296	RJ	Attaching RJ Mounted husker to UB Special
	D 314	RJ	Gathering chain guide for mounted RJ Husker
	D 315	RJ	Attaching RJ Huskor to 445 tractor
	D 237	RJU	Installation of elevator deflectors
	D 254	RJU	Mounting RJU husker on UT tractor
	D 325	SH	Conversion bundles for SH one-row
	D 138	Two Row	Installation of new husking roll brackets
	D 368	UNI	Convert mounting for new style mounting saddl
Hydraulic Jack			
	D 75	HK	Installation of safety relief valves
	D 83	HK	Instructions for reaming valve cages
	D 84	HK	Correct position of holding clamp on break-away coupling
	D 150	Valve	Reseating lockout valve
Hydraulic Pump			
	D 304	Eaton	Shear pin coupling on Eaton Pump
	D 60	ZK	By-pass installation
Hydraulic Unit			
	D 178	Avery	Servicing release valves on solid mounted Avery Units
Lister			
	D 168	AL	Spring trip foot
Loader			
	ID #	Topic	Description
	D 54	Lull	On the UTI tractor
Mower			
	D 351	JO	Mounting & Dismounting
	D 225	MA	Hitching mower to other tractors not listed in

Minneapolis Moline "D" Service Bulletins

S 162

D 271	MA	Drive pulley washer
D 216	MO	New hand lift & register adjusting washers
D 225	MO	Hitching mower to other tractors not listed in S 162
D 271	MO	Drive pulley washer
D 326	MO	Attaching to 335 & 445 tractor
D 61	SM	Installation of power shaft tube on RTU tractors
D 68	SM	Adjusting Jaw Clutch Clearance
D 107	SMH	Sickle register
D 106	UM	Gauge wheel spacer, UM4 & UM 5
D 49	UM 4	How to remedy breakage of the drive housing
D 87	UM 5	Cutter bar lead & pitman balance
D 88	UM 5	Install on RT & UT tractors
D 18	UN 4	Attaching to tractor (OBS)

Picker

D 370	SK	Field adjustments & modifications
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Picker/Sheller

D 275	UNI	Field conversion Unit-Husker to Uni Picker/Sheller
D 302	UNI	Scourkleen for Uni Pick/Shell w/belt-driven elevator
D 333	UNI	Blower-fan assembly for installation on Uni-Picker shellers
D 368	UNI	Convert Mounting for new style mounting saddles

Planter

D 20	25/26	Sales features on check row planters
D 214	A 20	Three Point Hitch, "A" frame
D 214	A 21	Three Point Hitch, "A" frame
D 210	Combination Hopper	Converting Combination from cotton to edge drop
D 341	L 1000	Combination Drop-Corn Hopper
D 341	MP	Combination Drop-Corn Hopper
D 378	P 400	Replacement of 1865 Hill Drop units, failure of boot castings

ID #	Topic	Description
D 378	P 480	Replacement of 1865 Hill Drop units, failure of boot castings
D 341	PQ	Combination Drop-Corn Hopper
D 220	PW	Pre-planting season checking & Adjustment Valves & bevel gears
D 229	PW	Fertilizer attachment support

Minneapolis Moline "D" Service Bulletins

D 258	PW	Adjustment & operation instructions
D 341	PW	Combination Drop-Corn Hopper
D 220	PX	Pre-planting season checking & Adjustment Valves & bevel gears
D 229	PX	Fertilizer attachment support
D 258	PX	Adjustment & operation instructions
D 341	PX	Combination Drop-Corn Hopper
D 217	TO	Wing covers & Covering bar for installing disc/ spoon covering
D 250	TO	Lift assembly

Plow

D 166	EA	EB mounting rubber tires on Avery plows
D 208	H.P.	New style frame & gauge wheel
D 327	M	Adjusting M series plows for demonstrations
D 340A	M 3400	4 bottom plow added to the M 3000 series.
D 349	M 3400	4 bottom added to M 3000 Series, Specs
D 374	M 500	Better plowing w/cushion action plows
D 374	M 600	Better plowing w/cushion action plows
D 374	S Series	Better plowing w/cushion action plows
D 299	TRA	Vertical disc angle adjusting wedge blocks for tractor disc plow
D 299	TRB	Vertical disc angle adjusting wedge blocks for tractor disc plow

Power Lift

D 156	HKG	Installation of Avery attached tools to the power lift
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Power Unit

D 170	1210-12	Lubricating pilot bearings
D 86	1210-12A	Install overspeed safety control
D 283	1210-12A	Lubricating the pierce governor
D 283	1600-12A	Lubricating the pierce governor
D 37	165-4A	Wiring Diagrams, w/403-4A, CUA, HUA
D 41	165-4A	Install fuel tank brace
D 44	165-4A	Lubricating Pilot bearing, & 206A-4A
D 119	165-4A	Wiring Diagram

ID #	Topic	Description
D 123	165-4A	Valve stem lubrication
D 37	206-4A	Wiring Diagrams, w/403-4A, CUA, HUA
D 41	206-4A	Install fuel tank brace
D 123	206-4A	Valve stem lubrication
D 119	206A-4A	Wiring Diagram
D 170	283-4	Lubricating pilot bearings
D 37	283-4A	Wiring Diagrams, w/403-4A, CUA, HUA

Minneapolis Moline "D" Service Bulletins

D 62	283-4A	Valve Tapper Clearance
D 170	403-4	Lubricating pilot bearings
D 62	403-4A	Valve Tapper Clearance
D 119	403-4A	Wiring Diagram
D 170	425-6	Lubricating pilot bearings
D 119	425-6A	Wiring Diagram
D 170	605-6	Lubricating pilot bearings
D 119	605-6A	Wiring Diagram
D 248A	Battery	Specifications
D 62	CUA	Valve Tapper Clearance
D 62	HUA	Valve Tapper Clearance
D 110	HUA	Governor limit spacer

Powerflow

D 226	Unit	Removing binding & Chattering from controls
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Seeder

D 99	Wheatland	Grain boot installation
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Sheller

D 21	D	Pulley sizes & recommended Speeds
D 45	E	Rear Cylinder Shaft Bearing
D 312	E	Friction disc slip clutch inspection

Spreader

D 366	LO	Front end drive Shaft
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Tool Bar

D 305	UNI	Modifying QM & QMH Uni-carrier for X1000 Shanks
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Tractor

D 322	335	Adjusting Ampli-Torc & PTO Clutches
D 326	335	Attaching MO Mower
D 328	335	Repositioning Headlights
D 336B	335	Operating, adjusting & Servicing Tel-O-Flo Lifts
D 339	335	Depth Limit Control Rods to install on tractors w/3-point hitch

ID #	Topic	Description
D 344	335	3-Point hitch assist spring assembly available
D 345	335	Front End Weights
D 350	4 Star	Mounting Cultivators& Planters
D 336B	4 Star Series	Operating, adjusting & Servicing Tel-O-Flo Lifts
D 350	4 Star Super	Mounting Cultivators& Planters
D 300	445	Correction to S 205, rear wheel spacing
D 301	445	Install marker attachment for C1200/1400 cultivator

Minneapolis Moline "D" Service Bulletins

D 315	445	Attaching RJ Huskor to 445 tractor
D 318	445	Ampli-Torc adjustment opening, early models
D 321	445	Depth Control Valve installation
D 322	445	Adjusting Ampli-Torc & PTO Clutches
D 323	445	Installing PTO & Belt Pulley
D 324	445	Installing 15 GPM Hydraulic pump
D 326	445	Attaching MO Mower
D 328	445	Repositioning Headlights
D 336B	445	Operating, adjusting & Servicing Tel-O-Flo Lifts
D 339	445	Depth Limit Control Rods to install on tractors w/3-point hitch
D 344	445	3-Point hitch assist spring assembly available
D 345	445	Front End Weights
D 336B	5 Star	Operating, adjusting & Servicing Tel-O-Flo Lifts
D 339	5 Star	Depth Limit Control Rods to install on tractors w/3-point hitch
D 345	5 Star	Front End Weights
D 353	5 Star	Shop specs, LP & gasoline models
D 359	5 Star	Shop Specs for 5 Star Diesel
D 367	5 Star	Converting Tel-O-Flo from internal to external plumbing
D 5	All	Servicing tractors & farm machinery for winter (OBS)
D 53	All	Replaceable Oil Filter Cartridge also power units
D 266	ALL	Transmission case breather
D 379	All	Install friction-disc throttle control
D44 ASME	All Brands	Farm tractors built to ASAE Standards, for PTO etc.
D 248A	Battery	Specifications
D 346	Battery	Dry Charged Batteries
D 152	BF	Replacing the water pump seal on MM DF tractor
D 153	BF	Installation of auxillary hydraulic jack
D 154	BF	HKG Powerlift
D 167	BF	New Oil filter and breather pipe
D 190	BF	Attaching RX Plow 2BF Tractor
D 200	BF	Adapting HKG Hydraulic Lift for pull behind implements
ID #	Topic	Description
D 207A	BF	QO-1 Hitchcor, installation on BF
D 222	BF	Hydraulic Conversion
D 230	BF	Lifting Roll lock
D 265	BF	Front Weights
D 230	BG	Lifting Roll lock
D 236	BG	Limit chain for QO-2 Hitchcor
D 244	BG	Front End Weights
D 391	Cylinder	Cylinder Head specs
D 242	Diesel	Installation/Operation of auxillary primary

Minneapolis Moline "D" Service Bulletins

		attachment
D 260	Diesel	Manifold Heater
S 309	Diesel	Operating instructions for APE fuel injection pumps on diesels
D 3	Early	Engine speed, PTO speed, Belt Pulley, Ground speed (OBS)
D 38	Early	S.A.E. Battery sizes and power units
D 131	Engine	Field installation of full floating pin pistons
D 4	FT	Loose steering knuckle pins (OBS)
D 4	FTA	Loose steering knuckle pins (OBS)
D 8	FTA	Causes for overheating in hot weather (OBS)
D 118	G	Battery ground terminal
D 174	G	Adjusting double disc brakes
D 184	G	Flywheel marking for timing
D 292	G	Hydraulic pump sheer pin coupling
D 303	G	Install webster pumps
D 336B	G 1000	Operating, adjusting and servicing Tel-O-Flo lift
D 380	G 1000	Shut off valve for checking Tel-O-Flo Cylinders
D 383	G 1000	Install Ampli-Torc Conversion
D 384	G 1000	Install Upper sliding gear shaft
D 385	G 1000	Install Lube Pressure warning light
D 386	G 1000	Install Lube Pump on Wheatland
D 387	G 1000	Install Transmission Oil cooler
D 388	G 1000	Thermal relief valve installation
D 388	G 1000	Thermal relief valve installation, Vista
D 389	G 1000	Installing 1.46 Ampli-Torc
D 390	G 1000	Installing Solenoid type diesel starting Aid
D 392	G 1000	Shop S 460, correction
D 371	G 704	Proper tire size
D 371	G-706	Proper tire size
D 277	G Diesel	Changeover for Hydraulic pump
D 47	GT	Changes in bundle Nos. for PTO
D 43	GTA	Lubricating pilot bushing
D 62	GTA	Valve Tapper Clearance
D 57	GTB	Battery Ignition and electrical equipment
D 62	GTB	Valve Tapper Clearance
D 93	GTB	Installation of clutched belt pulley
D 134	GTB	New Brakes
ID #	Topic	Description
D 221	GTB	Relocating grease fitting for clutch throwout bearings (Some)
D 270	GTB	Incorrect piston ring illustration in S181, corrected view
D 221	GTC	Relocating grease fitting for clutch throwout bearings (Some)
D 270	GTC	Incorrect piston ring illustration in S181, corrected view
D 355	GVI	Shop specs, Diesel
D 356	GVI	Shop specs, LP-gas

Minneapolis Moline "D" Service Bulletins

D 361	GVI	Roosa-Master fuel injection pumps on diesel tractor
D 364	GVI	Servicing hydraulic system on GVI
D 372A	Hydraulic	Instructions for install heavy duty steel and spring repair kit and valves
D 380	Hydraulic	Shut off valve for checking Tel-O-Flo Cylinders
D 67	Hydraulic	Thomas Vari Draulic Drive instruction and instal linkage
D 362	Hydraulic	New Tel-O-Flo hydraulic System for latest tractor
D 203	Hydraulic Jack	Nylon Lock out valves
D 82	Hydraulic Lift	Oil leakage of breakaway coupling for HK lift
D 140	Hydraulic Lift	HK, new gasket for breakaway coupling used w/ HK lift
D 40	Hydraulic Pump	Repair
D 375	Hydraulic Pump	Reassembly instructions
D 8	J	Causes for overheating in hot weather (OBS)
D 14	J	Bendix Brakes, adjust and line (OBS)
D 35	J	Universal and STD, Install RE engine
D 350	Jet Star	Mounting Cultivators & Planters
D 388	Jet Star 3 Super	Thermal relief valve installation
D 336B	Jet Star Series	Operating, adjusting & servicing Tel-O-Flo lifts
D 4	KT	Loose steering knuckle pins (OBS)
D 4	KTA	Loose steering knuckle pins (OBS)
D 8	KTA	Causes for overheating in hot weather (OBS)
D 246	LP gas	Safety relief valves for LP gas tanks
D 354	M 5	Shop Specs, LP and gasoline models
D 358	M 5	Shop Specs for M 5 diesel
D 361	M 5	Roosa-Master Fuel Injection pumps on diesel tractor
D 365	M 5	Servicing type "E" Hydraulic system on M 5
D 373	M 602	Rubber Mounting parts for fuel tanks, gasoline & diesel
D 373	M 604	Rubber Mounting parts for fuel tanks, gasoline & diesel
D 380	M 670	Shut off valve for checking Tel-O-Flo Cylinders
D 388	M 670	Thermal relief valve installation
D 390	M 670	Installing solenoid type diesel starting aid
ID #	Topic	Description
D 390	M 670 Super	Installing solenoid type diesel starting aid
D 336B	M Series	Operating, adjusting & servicing Tel-O-Flo lifts
D 8	MTA	Causes for overheating in hot weather (OBS)
D 42	PTO	A.S.A.E. Hitch adjustment
D 31	R	Lubricating of fan heads & on RE engines on G 4
D 52	R	Battery and coil ignition
D 118	R	Battery ground terminal
D 121	R	Hydraulic Jack hook up
D 123	R	Valve stem lubrication on engine
D 141	R	R pistons photo used in ZA manual

Minneapolis Moline "D" Service Bulletins

D 162	R	Hydraulic hose installation
D 163	R	Steering support brackets
D 164	R	Installation of HKR hydraulic system
D 192	R	Attaching MA mower to tractor
D 332	R	Mounting Webster pumps on tractor
D 57	RT	Battery ignition and electrical equipment
D 92	RT	Instruction for install HK Hydraulic lift
D 132	RT	Adjustment of backlash for hydraulic pump
D 76	RTE	Install axle stop
D 158	Tire	Deflation of tires at dealership
D 311	Tires	Inflation from factory, chart w/recommendation
D 78	U	Countershaft changes on transmissions
D 81	U	Installation of HK hydraulic lift, on LP gas
D 118	U	Battery ground terminal
D 159	U	Installation of LP-gas conversion bundle
D 165	U	Installation of live PTO
D 174	U	Adjusting double disc brakes
D 192	U	Attaching MA mower to tractor
D 198	U	IND, Pilot bearing lubrication
D 221	U	Relocating grease fitting for clutch throwout bearings (Some)
D 227	U	Installation of outboard bearings on U w/ PTO
D 270	U	Incorrect piston rings illustration in S 181, corrected view
D 292	U	Hydraulic pump Shear pin coupling
D 303	U	Install Webster pumps
D 336B	U 302	Operating, adjusting & servicing Tel-O-Flo lifts
D 388	U 302 Super	Thermal relief valve installation
D 277	U diesel	Changeover for Hydraulic pump
D 221	UB	Relocating grease fitting for clutch throwout bearings (Some)
D 228	UB	Hydraulic depth control valve available
D 270	UB	Incorrect piston rings illustration in S 181, corrected view
D 278	UB	Anti-toggling stops for type "E" tractor
D 289	UB	Lift roll lock rod

ID #	Topic	Description
D 288	UB (Type U/E/N)	Governor improvement packages
D 296	UB Special	Attaching RJ Mounted Husker to UB special
D 204	UBU	Adapting tools to UBU, PW planter & AQA Attacher
D 205	UNI	Modification of oil pump on V206-4 engine
D 213	UNI	Transmission changes
D 215	UNI	New variable sheave arm shims
D 239	UNI	Belts, sheave and pulleys aligned
D 243	UNI	Assembly of implement hoist
D 264	UNI	Dust seals and dust cap
D 276	UNI	Splined stub shaft
D 280	UNI	Wiring Diagram

Minneapolis Moline "D" Service Bulletins

D 291	UNI	L, replacement engine for model L UNI-tractor
D 306A	UNI	Sheer pin coupler for Eaton pump
D 368	UNI	Convert mounting for new style mounting saddl
D 23	UT	Precision shell bearings for KEF engines
D 57	UT	Battery ignition and electrical equipment
D 62	UT	Valve Tapper Clearance
D 93	UT	Installation of clutched belt pulley
D 96	UT	Installation of intake extension on HK hydraulic lift
D 254	UT	Mounting RJU Husker on UT tractor
D 288	UT (Type S/C)	Governor improvement packages
D 50	UTI	Field conversion of brakes
D 54	UTI	Lull Loader
D 241	UTIL	Installation of power steering bundle
D 47	UTS	Changes in bundle Nos. for PTO
D 80	UTU	Steering shaft bracket
D 63	Wheel drill	Instructions for installing wheel housing brace
D 6	Z	Lifting roll arm interference (OBS)
D 8	Z	Causes for overheating in hot weather
D 10	Z	Special tools (OBS)
D 14	Z	Bendix Brakes, adjust and line (OBS)
D 14	Z	Bendix Brakes, adjust and line (OBS)
D 31	Z	Lubrication of fan heads & on RE engines on G
D 52	Z	Battery and coil ignition
D 123	Z	Valve stem lubrication on engine
D 192	Z	Attaching MA mower to tractor
D 332	Z	Mounting Webster pumps on tractor
D 77	ZA	Installation of overflow pipe on new ZA
D 118	ZA	Battery ground terminal
D 125	ZA	Pressure cap
D 132	ZA	Adjustment of backlash for hydraulic pump
D 141	ZA	Pistons, error in S 147
D 180	ZA	Installation of tool box on LP gas tractors
D 183	ZA	Lowering hydraulic seat
D 201	ZA	Live PTO available

ID #	Topic	Description
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D 221	ZA	Relocating grease fitting for clutch throwout bearings (Some)
D 249	ZA	Oil pump drive gear end clearance
D 228	ZB	Hydraulic depth control valve available
D 278	ZB	Anti-toggling stops for type "E" tractor
D 281	ZB	Installing Uni-Matic hydraulic lift on ZB
D 288	ZB (Type U/E/N)	Governor improvement packages
D 57	ZT	Battery ignition and electrical equipment
D 76	ZTE	Install axle stop
D 51	ZTN	Ignition switch
D 51	ZTU	Ignition switch

Windrower

D 194	12 Foot	Installing a canvas Guide
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Minneapolis Moline "D" Service Bulletins

D 223	12 Foot	Correcting canvas tearing
D 194	14 Foot	Installing a canvas Guide
D 223	14 Foot	Correcting canvas tearing
D 111	8 Foot	Reinforments
D 274	All	Eliminating interference between conveyor canvas & grain wheel
D 268	Older Models	Grain deflectors attachments