



PARTS CATALOG

LOADER BACKHOE

580M SERIES 3



BD08B046

TABLE OF CONTENTS

- General Information
- Section 2 – Engine
- Section 3 – Fuel System
- Section 4 – Electrical System
- Section 5 – Tracks / Steering
- Section 6 – Power train
- Section 7 – Brakes
- Section 8 – Hydraulics
- Section 9 – Chassis/Attachments
- Index

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Issue	Issue Date	Applicable Machines	Remarks
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TABLE OF CONTENTS

02-01	RADIATOR - MOUNTING
02-02	DEAERATION SYSTEM - MOUNTING
02-04	AIR CLEANER - AIR INTAKE PARTS
02-05	AIR CLEANER ASSY
02-06	MUFFLER, ASPIRATED - EXHAUST SYSTEM
02-07	ENGINE - MOUNTING
02-08	ENGINE
02-09	CYLINDER BLOCK
02-10	CYLINDER BLOCK
02-11	OIL PUMP, PAN
02-12	CRANKCASE COVERS
02-13	CYLINDER BLOCK - COVERS
02-14	CRANKCASE COVERS
02-15	BREATHER - ENGINE
02-16	CYLINDER HEAD
02-17	CYLINDER HEAD - COVERS
02-18	CYLINDER HEAD - VALVE MECHANISM
02-19	MANIFOLD - INTAKE
02-20	EXHAUST MANIFOLD
02-21	CRANKSHAFT
02-22	CONNECTING ROD
02-23	PISTON - ENGINE
02-24	FLYWHEEL - ENGINE
02-25	PULLEY - CRANKSHAFT
02-26	DYNAMIC BALANCER, GEARS & SHAFTS
02-28	CAMSHAFT
02-29	TURBOCHARGER
02-30	ENGINE OIL DIPSTICK
02-31	OIL PUMP - ENGINE
02-32	OIL FILTERS - ENGINE
02-33	PIPING - ENGINE OIL
02-34	HEAT EXCHANGER - ENGINE
02-35	WATER PUMP
02-36	COOLING SYSTEM - ENGINE
02-37	THERMOSTAT - ENGINE COOLING SYSTEM
02-38	WATER PUMP - CONTROL
02-39	FAN DRIVE
02-41	ENGINE - LIFT HOOK
02-42	ALTERNATOR MOUNTING
03-01	FUEL LINES, RESERVOIR
03-02	CONTROLS - THROTTLE, HAND
03-03	CONTROLS - THROTTLE, FOOT
03-04	FUEL INJECTION PUMP
03-05	FUEL INJECTION SYSTEM
03-06	FUEL INJECTION SYSTEM
03-07	INJECTION EQUIPMENT - PIPING
03-08	FUEL FILTER
03-09	FUEL PUMP
03-10	PIPING - FUEL
03-11	FUEL INJECTION SYSTEM
04-01	STARTER

TABLE OF CONTENTS

04-02	ALTERNATOR
04-03	STARTER MOUNTING - ALTERNATOR MOUNTING
04-04	HARNESS, ENGINE - MOUNTING AND CONNECTIONS
04-05	BATTERY, SINGLE
04-06	BATTERY, DUAL - COLD START
04-06A	COLD START GRID HEATER
04-07	HARNESS, FRONT CONSOLE - SWITCHES
04-08	HARNESS, FRONT CONSOLE - MOUNTING
04-09	HARNESS, SIDE CONSOLE - SWITCHES
04-10	INSTRUMENT PANEL, FRONT - COVERS
04-11	INSTRUMENT PANEL, SIDE - COVERS (RIGHT-HAND SIDE)
04-12	INSTRUMENT CLUSTER
04-13	ELECTRICAL - LAMPS, ROPS CANOPY
04-14	ELECTRICAL - LAMPS, ROPS CAB
04-15	LAMP ASSY (ROPS CANOPY MODELS)
04-16	HORN - ALARM, BACKUP
04-17	BEACON, ROTATING (CAB OR CANOPY MODELS)
04-18	ANTENNA, RADIO - HARNESS, RADIO
04-19	ELECTRICAL - BACKHOE AUXILIARY HYDRAULIC, UNI-DIRECTIONAL
04-20	ELECTRICAL - BACKHOE AUXILIARY HYDRAULIC, WITH PILOT CONTROLS
05-01	STEERING WHEEL - COLUMN
05-02	HYDRAULICS - STEERING
05-02A	HYDRAULICS - STEERING (COMFORT STEER)
05-03	STEERING COLUMN
05-04	AXLE, FRONT (86990837) - MOUNTING
05-05	AXLE, FRONT (86990837) - HOUSING
05-06	AXLE, FRONT (86990837) - HOUSING, SWIVEL
05-07	AXLE, FRONT (86990837) - CYLINDER, STEERING
05-08	AXLE, FRONT (86990837) - HUB AND BEARINGS
05-09	WHEELS, FRONT - TIRES
06-01	AXLE, FRONT DRIVE - MOUNTING
06-02	AXLE, FRONT DRIVE - HOUSING
06-03	AXLE, FRONT DRIVE - HOUSING, SWIVEL
06-04	AXLE, FRONT DRIVE - CYLINDER, STEERING
06-05	AXLE, FRONT DRIVE - SHAFTS, AXLE
06-06	AXLE, FRONT DRIVE - PLANETARY
06-07	AXLE, FRONT DRIVE - DIFFERENTIAL
06-08	AXLE, FRONT DRIVE - RING AND PINION
06-09	DRIVE SHAFT, FRONT AXLE
06-10	COOLING SYSTEM - TRANSMISSION
06-11	TRANSMISSION - MOUNTING
06-12	TRANSMISSION ASSY, 2WD - FILTER, OIL
06-13	TRANSMISSION ASSY, 2WD - HOUSING
06-14	TRANSMISSION ASSY, 2WD - PUMP, OIL
06-15	TRANSMISSION ASSY, 2WD - SHIFTER MECHANISM
06-16	TRANSMISSION ASSY, 2WD - SHAFT, REVERSE & PRIMARY
06-17	TRANSMISSION ASSY, 2WD - SHAFT, INPUT & PTO
06-18	TRANSMISSION ASSY, 2WD - SHAFT, SECONDARY
06-19	TRANSMISSION ASSY, 2WD - VALVE, CONTROL
06-20	TRANSMISSION ASSY, 4WD - FILTER, OIL
06-21	TRANSMISSION ASSY, 4WD - HOUSING

TABLE OF CONTENTS

06-22		TRANSMISSION ASSY, 4WD - PUMP, OIL
06-23		TRANSMISSION ASSY, 4WD - SHIFTER MECHANISM
06-24		TRANSMISSION ASSY, 4WD - SHAFT, REVERSE & PRIMARY
06-25		TRANSMISSION ASSY, 4WD - SHAFT, INPUT & PTO
06-26		TRANSMISSION ASSY, 4WD - SHAFT, SECONDARY
06-27		TRANSMISSION ASSY, 4WD - SHAFT, OUTPUT
06-28		TRANSMISSION ASSY, 4WD - VALVE, CONTROL
06-29		TRANSMISSION ASSY, 4WD - VALVE, SOLENOID
06-30		WHEELS, REAR - TIRES
06-31		AXLE, REAR DRIVE - MOUNTING
06-32		AXLE, REAR - DIFFERENTIAL LOCK
06-33		87395372 AXLE, REAR DRIVE - HOUSING
06-34		87395372 AXLE, REAR DRIVE - DIFFERENTIAL
06-35		87395372 AXLE, REAR DRIVE - RING AND PINION
06-36		87395372 AXLE, REAR DRIVE - DIFFERENTIAL LOCK
06-37		87395372 AXLE, REAR DRIVE - PLANETARY
06-38		DRIVE SHAFT, REAR AXLE
07-01		TRANSMISSION ASSY, 2WD - BRAKE, PARKING
07-01	01	TRANSMISSION ASSY, 4WD - BRAKE, PARKING
07-02		AXLE, REAR DRIVE - BRAKE, DIFFERENTIAL
07-03		BRAKE - PEDALS
07-04		HYDRAULICS - BRAKE MASTER CYLINDER
07-05		BRAKE LINES TO TRANSMISSION
07-06		BRAKE LINES TO AXLES
07-07		CYLINDER ASSY - BRAKE MASTER
08-01		HYDRAULICS - PUMP, FILTER AND LOADER VALVE
08-02		HYDRAULICS - LOADER VALVE AND FILTER TO BACKHOE VALVE
08-03		HYDRAULICS - COOLER, RETURN LINES AND FILTER
08-04		HYDRAULICS - CYLINDER, LOADER LIFT
08-05		HYDRAULICS - CYLINDER, LOADER BUCKET
08-06		HYDRAULICS - CYLINDER, LOADER CLAM
08-07		HYDRAULICS - CYLINDER, LOADER CLAM
08-07A		HYDRAULICS - LOADER CLAM, AT ACCUMULATOR W/ ELECTRICAL (MODELS WITHOUT PILOT CONTROLS)
08-07B		HYDRAULICS - LOADER CLAM, AT ACCUMULATOR W/ ELECTRICAL (MODELS WITH PILOT CONTROLS)
08-08		HYDRAULICS - CYLINDER, BACKHOE STABILIZER (WITHOUT PILOT CONTROLS)
08-08A		HYDRAULICS - CYLINDER, BACKHOE STABILIZER (WITH PILOT CONTROLS)
08-09		HYDRAULICS - CYLINDER, BACKHOE SWING (WITHOUT PILOT CONTROLS)
08-09A		HYDRAULICS - CYLINDER, BACKHOE SWING (WITH PILOT CONTROLS)
08-10		HYDRAULICS - CYLINDER, BACKHOE BOOM
08-10A		HYDRAULICS - BACKHOE BOOM LOCK AND ELECTRICAL CIRCUIT
08-11		HYDRAULICS - CYLINDER, BACKHOE DIPPER
08-12		HYDRAULICS - CYLINDER, BACKHOE BUCKET (MODELS WITHOUT EXTENDABLE DIPPER)
08-13		HYDRAULICS - CYLINDER, BACKHOE BUCKET (MODELS WITH EXTENDABLE DIPPER)
08-14		HYDRAULICS - CYLINDER, BACKHOE EXTENDABLE DIPPER
08-15		HYDRAULICS - VALVE, PILOT CONTROL AND JOYSTICKS (6 SPOOL, W/O EXT DIPPER, W/O AUX HYDS)

TABLE OF CONTENTS

08-16	HYDRAULICS - VALVE, PILOT CONTROL AND JOYSTICKS (6 SPOOL, W/O EXT DIPPER, W/ AUX HYDS)
08-17	HYDRAULICS - VALVE, PILOT CONTROL AND JOYSTICKS (7 SPOOL, W/ EXT DIPPER, W/O AUX HYDS)
08-18	HYDRAULICS - VALVE, PILOT CONTROL AND JOYSTICKS (7 SPOOL, W/ EXT DIPPER, W/ AUX HYDS)
08-19	HYDRAULICS - VALVE, PILOT CONTROL AND JOYSTICKS (7 SPOOL, W/O EXT DIPPER, W/ AUX HYDS)
08-20	HYDRAULICS - VALVE, PILOT CONTROL AND JOYSTICKS (8 SPOOL, W/ EXT DIPPER, W/ AUX HYDS)
08-21	HYDRAULICS - PILOT CONTROL JOYSTICKS
08-22	HYDRAULICS - PILOT CONTROLS
08-23	HYDRAULICS - BACKHOE AUXILIARY (WITHOUT PILOT CONTROLS)
08-23A	VALVE ASSY - AUXILIARY UNI-DIRECTIONAL (WITHOUT PILOT CONTROLS)
08-23B	HYDRAULICS - BACKHOE AUXILIARY (WITH PILOT CONTROLS)
08-23C	VALVE ASSY - AUXILIARY UNI-DIRECTIONAL (WITH PILOT CONTROLS)
08-24	HYDRAULICS - BACKHOE AUXILIARY, AT BOOM AND DIPPER
08-25	HYDRAULICS - RIDE CONTROL
08-26	HYDRAULICS - COUPLER, LOADER TOOL QUICK
08-27	HYDRAULICS - COUPLER, LOADER TOOL QUICK, AT LOADER LIFT FRAME
08-28	VALVE, COUPLER (87435909) - LOADER TOOL
08-29	PUMP, EQUIPMENT HYDRAULIC
08-30	VALVE ASSY - LOADER CONTROL, TWO SPOOL
08-31	VALVE ASSY - LOADER CONTROL, THREE SPOOL
08-32	VALVE ASSY - BACKHOE CONTROL, 6 SPOOL (W/O EXT DIPPER, W/O AUX HYDS, W/O PILOT CONTROLS)
08-33	VALVE ASSY - BACKHOE CONTROL, 7 SPOOL (W/O EXT DIPPER, W/ AUX HYDS, W/O PILOT CONTROLS)
08-34	VALVE ASSY - BACKHOE CONTROL, 7 SPOOL (W/ EXT DIPPER, W/O AUX HYDS, W/O PILOT CONTROLS)
08-35	VALVE ASSY - BACKHOE CONTROL, 8 SPOOL (W/ EXT DIPPER, W/ AUX HYDS, W/O PILOT CONTROLS)
08-36	VALVE ASSY - BACKHOE CONTROL, 6 SPOOL (W/O EXT DIPPER, W/ OR W/O AUX HYDS, W/ PILOT CONTROLS)
08-37	VALVE ASSY - BACKHOE CONTROL, 7 SPOOL (W/ EXT DIPPER, W/ OR W/O AUX HYDS, W/ PILOT CONTROLS)
08-38	VALVE ASSY - BACKHOE CONTROL, 7 SPOOL (W/O EXT DIPPER, W/ AUX HYDS, W/ PILOT CONTROLS)
08-39	VALVE ASSY - BACKHOE CONTROL, 8 SPOOL (W/ EXT DIPPER, W/ AUX HYDS, W/ PILOT CONTROLS)
08-40	VALVE SECTION - BACKHOE SWING (WITH PILOT CONTROLS)
08-41	VALVE SECTION - BACKHOE BOOM (WITH PILOT CONTROLS)
08-42	VALVE SECTION - BACKHOE STABILIZER (WITH PILOT CONTROLS)
08-43	VALVE SECTION - BACKHOE DIPPER (WITH PILOT CONTROLS)
08-44	VALVE SECTION - BACKHOE BUCKET (WITH PILOT CONTROLS)
08-45	VALVE SECTION - EXTENDABLE DIPPER (WITH PILOT CONTROLS)
08-46	VALVE SECTION - OPTIONS, AUXILIARY HYDRAULICS (WITH PILOT CONTROLS)
08-47	VALVE ASSY, PRESSURE REDUCING (2 SPOOL) (WITH PILOT CONTROLS)
08-48	VALVE ASSY, PRESSURE REDUCING (3 SPOOL) (WITH PILOT CONTROLS)
08-49	VALVE ASSY, PRESSURE REDUCING (4 SPOOL) (WITH PILOT CONTROLS)
08-50	VALVE, JOYSTICK (PILOT CONTROLS) (LEFT-HAND) WITH HORN BUTTON

TABLE OF CONTENTS

08-51	VALVE, JOYSTICK (PILOT CONTROLS) (LEFT-HAND) WITH HORN & UNI-DIRECTIONAL BUTTONS
08-52	VALVE, JOYSTICK (PILOT CONTROLS) (LEFT-HAND) WITH HORN & BI-DIRECTIONAL BUTTONS
08-53	VALVE, JOYSTICK (PILOT CONTROLS) (RIGHT-HAND) WITHOUT EXTENDABLE DIPPER
08-54	VALVE, JOYSTICK (PILOT CONTROLS) (RIGHT-HAND) WITH EXTENDABLE DIPPER
08-55	VALVE ASSY - SWING CUSHION (DAMPENING)
08-55A	SOLENOID VALVE - BOOM LOCK
08-56	ACCUMULATOR ASSY - RIDE CONTROL
08-57	FILTER ASSY, OIL
08-58	CYLINDER ASSY - LOADER LIFT
08-59	CYLINDER ASSY - LOADER BUCKET
08-60	CYLINDER ASSY - LOADER CLAM
08-61	CYLINDER ASSY - BACKHOE STABILIZER
08-62	CYLINDER ASSY - BACKHOE SWING
08-63	CYLINDER ASSY - BACKHOE BOOM
08-64	CYLINDER ASSY - BACKHOE DIPPER
08-65	CYLINDER ASSY - BACKHOE BUCKET
08-66	CYLINDER ASSY - BACKHOE EXTENDABLE DIPPER
09-01	CONTROLS - LOADER LIFT AND BUCKET
09-01A	HANDLE, LOADER CONTROL - TRANSMISSION ASSY, 2WD, 4WD
09-02	CONTROLS - LOADER CLAM
09-03	CONTROLS - LOADER SELF-LEVELING
09-04	FRAME - LOADER LIFT
09-05	FRAME - LOADER LINKAGE
09-06	BUCKETS, LOADER LONG LIP (82 IN)
09-07	BUCKET, LOADER LONG LIP (93 IN)
09-08	BUCKET, LOADER CLAM
09-09	GUARD - VALVE, LOADER
09-10	COUPLER, TOOL QUICK
09-11	COVERS - BACKHOE CONTROL TOWER, WITHOUT PILOT CONTROLS
09-12	BACKHOE CONTROL TOWER SUPPORT AND SEALS, WITHOUT PILOT CONTROLS
09-13	BACKHOE CONTROL TOWER SUPPORT, WITH PILOT CONTROLS
09-14	BACKHOE CONTROL TOWER BOOTS AND SEALS, WITH PILOT CONTROLS
09-15	BACKHOE CONTROL TOWER LEVERS (BOOM LATCH), WITH PILOT CONTROLS
09-16	CONTROLS - BACKHOE, WITH FOOT SWING (MODELS WITH OR WITHOUT EXTENDABLE DIPPER)
09-17	CONTROLS - BACKHOE, WITH FOOT SWING (MODELS WITH EXTENDABLE DIPPER)
09-18	CONTROLS - BACKHOE, WITH HAND SWING (MODELS WITH OR WITHOUT EXTENDABLE DIPPER)
09-19	CONTROLS - BACKHOE, WITH HAND SWING (MODELS WITH OR WITHOUT EXTENDABLE DIPPER)
09-19A	CONTROLS - BACKHOE, EXCAVATOR CONTROL PATTERN
09-20	CONTROLS - BACKHOE, WITH HAND SWING (MODELS WITH EXTENDABLE DIPPER)
09-21	CONTROLS - BACKHOE AUXILIARY HYDRAULICS, WITHOUT PILOT CONTROLS
09-22	BACKHOE - STABILIZERS, PLATES AND PADS
09-23	BACKHOE - SWING TOWER AND SWING CYLINDERS
09-24	BACKHOE - BOOM AND SWING TOWER

TABLE OF CONTENTS

09-24A	BOOM GUARD
09-25	BOOM LATCH (WITHOUT PILOT CONTROLS)
09-25A	BOOM LATCH (WITH PILOT CONTROLS)
09-26	BACKHOE - DIPPER AND BUCKET
09-27	BACKHOE - DIPPER, EXTENDABLE
09-28	BUCKET, UNIVERSAL BACKHOE (305 MM (12 INCH) WIDE)
09-29	BUCKET, UNIVERSAL BACKHOE (406 MM (16 INCH) WIDE)
09-30	BUCKET, UNIVERSAL BACKHOE (457 MM (18 INCH) WIDE)
09-31	BUCKET, BACKHOE (457 MM (18 INCH) WIDE)
09-32	BUCKET, UNIVERSAL BACKHOE (610 MM (24 INCH) / 762 MM (30 INCH) WIDE)
09-33	BUCKET, BACKHOE (610 MM (24 INCH) WIDE)
09-34	BUCKET, UNIVERSAL BACKHOE (914 MM (36 INCH) WIDE)
09-35	BUCKET, UNIVERSAL BACKHOE (610 MM (24 INCH) WIDE)
09-35A	FROST POINT ASSEMBLY
09-36	COUNTERWEIGHT, FRONT
09-37	CHASSIS / MOUNTS, POD - SCREEN, AIR INLET
09-38	TANK, OIL - BOX, BATTERY AND TOOL
09-39	RADIATOR WRAPPER
09-40	HOOD - PANELS, SIDE
09-41	HOOD - GRILLE
09-42	PLATES, FLOOR - FLOORMATS
09-43	FENDER COVER, LEFT-HAND - PANEL, REAR CLOSURE (STORAGE TRAY WITH CUP HOLDER)
09-44	FENDER EXTENSIONS
09-45	GUARD, MUD
09-46	SEAT ASSY - MOUNTING (SEARS, STANDARD)
09-47	SEAT - MOUNTING (SEARS MECHANICAL SUSPENSION)
09-48	SEAT ASSY, MECHANICAL SUSPENSION (SEARS)
09-49	SEAT - MOUNTING (AIR SUSPENSION)
09-53	CAB - GLASS, MIRROR AND HOLD OPEN
09-54	CAB - FRAME AND COVERS
09-55	CAB - DOORS
09-56	CAB - DOOR MOUNTING
09-57	CAB - WINDOW, RIGHT-HAND, FOR SINGLE DOOR CAB FRAMES
09-58	CAB - WINDOW, REAR
09-59	CAB - WASHER, WINDSHIELD
09-60	CAB - WIPERS
09-61	CAB HEADLINER - FILTER, LOUVERS, DOME LAMP
09-62	CAB - FILTER, AIR
09-63	CAB - BLOWER HOUSING, VENTILATION DUCTS, DRAIN LINES
09-64	CAB - HEATER
09-65	CAB - AIR CONDITIONING LINES, EVAPORATOR CORE
09-66	CAB - AIR CONDITIONING, CONDENSER, RECEIVER-DRIER
09-67	CAB - AIR CONDITIONING COMPRESSOR
09-68	CANOPY, ROPS - FRAME, COVERS, MIRROR, VISOR
09-69	CANOPY, ROPS - GLASS
09-70	CANOPY, ROPS - WIPER, FRONT AND WINDSHIELD WASHER
09-71	MIRROR, REAR VIEW - MOUNTING, CAB MODELS
09-72	SLOW MOVING VEHICLE EMBLEM
09-73	DECALS
09-74	DECALS

TABLE OF CONTENTS

09-75	DECALS
09-76	DECALS - ENGLISH
09-77	DECALS - LATIN AMERICAN SPANISH
09-78	DECALS - CANADIAN FRENCH
09-79	DECALS - ENGLISH
09-80	DECALS - LATIN AMERICAN SPANISH
09-81	DECALS - CANADIAN FRENCH

NOTES

GENERAL INFORMATION

PROPRIETARY NOTICE

The contents of this manual are proprietary data of this company. Reproduction or use of any part for other than the operation and maintenance of our equipment is permissible only if expressly authorized in writing.

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COMPANY POLICY

Company policy, which is one of continuous improvement, reserves the right to change prices and to make changes in design and specification at any time without notice and without obligation to modify units previously built.

All data given in this book is subject to production variations. Dimensions and weights are approximate only and the illustrations do not necessarily show machines in standard condition. For exact information about any particular machine please consult your dealer.

PARTS AND ACCESSORIES

Genuine parts and accessories have been specifically designed for these machines.

We would like to point out that “non-genuine” parts and accessories have NOT been examined and released by the Company. The installation and or use of such products could have negative effects upon the design characteristics of your machine and thereby affect its safety. The company is not liable for any damage caused by the use of “non-genuine” parts and accessories.

IMPROVEMENTS

We are continually striving to improve our products. We reserve the right to make improvements or changes when it becomes practical and possible to do so, without incurring any obligation to make changes or additions to the equipment sold previously.

MODEL CODES

The range of machines listed may not be available in all countries or markets therefore, for the latest information consult your local dealer.

OWNER ASSISTANCE

We want you to be completely satisfied with your investment. Normally any problems with your equipment will be handled by your dealer's Service Department; however, misunderstandings can occur. If your problem has not been handled to your satisfaction, we suggest the following:

1. Contact the owner or General Manager of the dealership, explain the problem, and request assistance. When additional assistance is needed, your dealer has direct access to our office.
2. Provide your dealer with:
 - Your Name, Address, and Telephone number
 - Machine Model and Serial Number
 - Dealership Name and Address
 - Machine purchase date and amount of use
 - Nature of problem

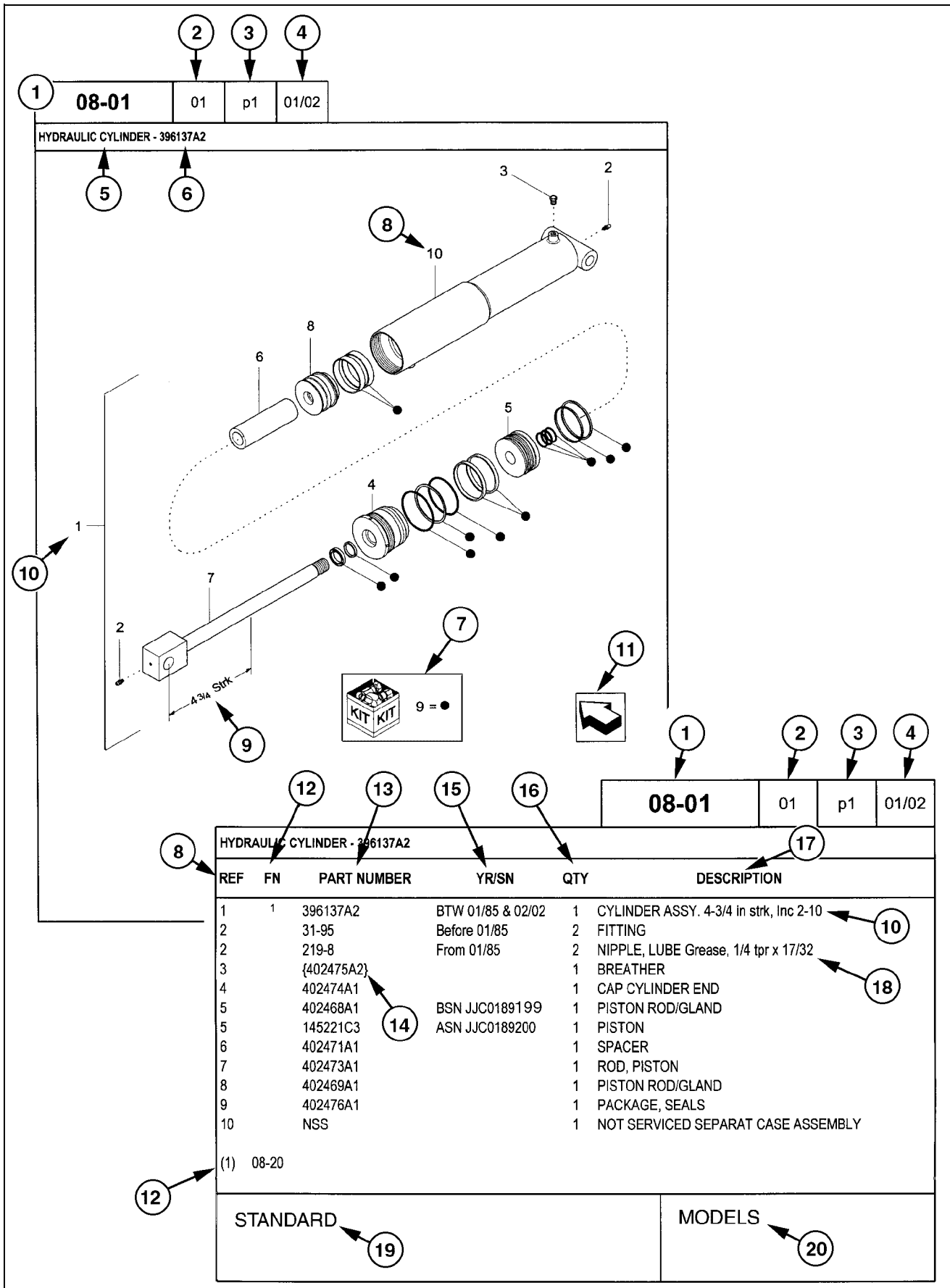
Be aware that your problem will likely be resolved in the dealership using the dealer's facilities, equipment, and personnel. So it is important that your initial contact be with the dealer.

SPARE PARTS

To maintain operating efficiency, use original spare parts.

When ordering parts, give the following information:

- Machine Model
- Machine and Engine Serial Numbers
- Part Number from the Parts Catalog



1 08-01 01 p1 01/02

HYDRAULIC CYLINDER - 396137A2

08-01 01 p1 01/02

HYDRAULIC CYLINDER - 396137A2

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	396137A2	BTW 01/85 & 02/02	1	CYLINDER ASSY. 4-3/4 in strk, Inc 2-10
2		31-95	Before 01/85	2	FITTING
2		219-8	From 01/85	2	NIPPLE, LUBE Grease, 1/4 tpr x 17/32
3		{402475A2}		1	BREATHER
4		402474A1		1	CAP CYLINDER END
5		402468A1	BSN JJC0189199	1	PISTON ROD/GLAND
5		145221C3	ASN JJC0189200	1	PISTON
6		402471A1		1	SPACER
7		402473A1		1	ROD, PISTON
8		402469A1		1	PISTON ROD/GLAND
9		402476A1		1	PACKAGE, SEALS
10		NSS		1	NOT SERVICED SEPARAT CASE ASSEMBLY

(1) 08-20

STANDARD	MODELS
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HOW TO USE YOUR PARTS CATALOG

1. Figure Number
2. Sequence Code within the Figure Number
3. Page Number within the Sequence Code
4. Date of Printing (month / year)
5. Figure Description
6. General information regarding the figure
7. Parts supplied in repair kits per symbol reference
8. Figure call-out of the part number (REF)
9. Technical specifications relating to the part indicated
10. Figure call-out includes bracketed items, the included items may also be listed in the additional description area
11. Orientation - Arrow indicates front of the machine
12. Footnote - Additional information relating to the part number. In this example, 08-20 equals another figure that this part is shown on
13. Part Number
 - NSS = Not Serviced Separately (Non-serviced parts)
 - Bracketed numbers = not available as service parts in this market
14. Not Available as service part in this market
15. YR/SN
 - Year
 - Before 01/85 = Part valid for production January 1985 and before
 - From 01/85 = Part valid for production from January 1985 and after
 - BTW 01/85 & 02/02 = Part valid for machines produced between January 1985 and February 2002.
 - Serial Number (P.I.N.)
 - BSN JJC0268800 = Part valid for serial number JJC0268800 and below
 - ASN JJC0268800 = Part valid for serial number JJC0268800 and above
 - BTW JJC0178000 & JJC0179000 = Part valid for serial numbers between JJC0178000 & JJC0179000
16. Total Quantity of the Part referred to in the page. The quantity can be replaced by the following indications:
 - AR = As Required
 - X = As required
17. Part Description
18. Additional description of the part to help confirm identification
19. Figure Notes
20. Model Number(s)

RIGHT-HAND AND LEFT-HAND

The reference to right-hand and left-hand in this catalog is identified by the operator standing at the rear of the basic unit (without rear attachment), looking toward the front of the machine (in normal forward travel).

For pages covering any machine attachments, right-hand and left-hand are defined by the operator sitting in the position for proper operation of the attachment.

DIMENSIONS

Metric and U.S. hardware dimensions do not show the numeric designations of standard coarse threads. A number following a semi colon (;) is the class or grade of hardware. A comma (,) represents the decimal point (.) used in U.S. dimensions.

EXPLANATION OF ABBREVIATIONS

AC	Alternating Current
adj	adjustable
amp	ampere
AR	As required
ASN	Serial number and after P.I.N. and after

blkhd	bulkhead
br	branch
BSN	before Serial number before P.I.N.
BTW	between

cc	cubic centimetre
cl	class
cmprsn	compression
cn pt	cone point
cp pt	cup point
CRS	Chrome Alloy Steel
CST	Carbon Steel
cu yd	cubic yard

DC	Direct Current
deg	degree
dg pt	dog point
dia	diameter
dr type	drive type

fc	face
fc sl	face seal
fem	female
fem PT	female pipe thread
fl	flare
flat pt	flat point
ft	feet or foot

ga	gauge
gal	gallon or gallons
gpm	gallons per minute
gr	grade

hd	head
hdg pt	half dog point
hp	horsepower
ID	inside diameter
in	inch or inches
Incl.	Includes
inv fl	inverted flare

K	kilo
kg	kilogram
km/h	kilometers per hour

L	litre
lb	pounds
lb-ft	pound-foot
lg	long
LH	left-hand
LH thd	left-hand thread

M	(prefix) metric thread size
m	metre
ml	milliliter
mm	millimetre

NF	National Fine
No.	number
NPT	National Pipe Thread
NS	National Super Fine

OD	outside diameter
ohm	electrical unit of resistance
Or	O-ring
ORB	O-ring boss
ORFS	O-ring face seal
ov cntr	over center
ov pt	oval point
oz	ounce

P	pitch
psi	pounds per square inch
pt	pint
PT	pipe thread

rd	round
rd holes	round holes
RH	right-hand
RH thd	right-hand thread
rpm	revolutions per minute

sl	self-locking
sq	square
SST	Stainless Steel
st	self-tapping
strk	stroke
sw	swivel

T	teeth
thk	thick
tpr	taper
tube OD	tube outside diameter

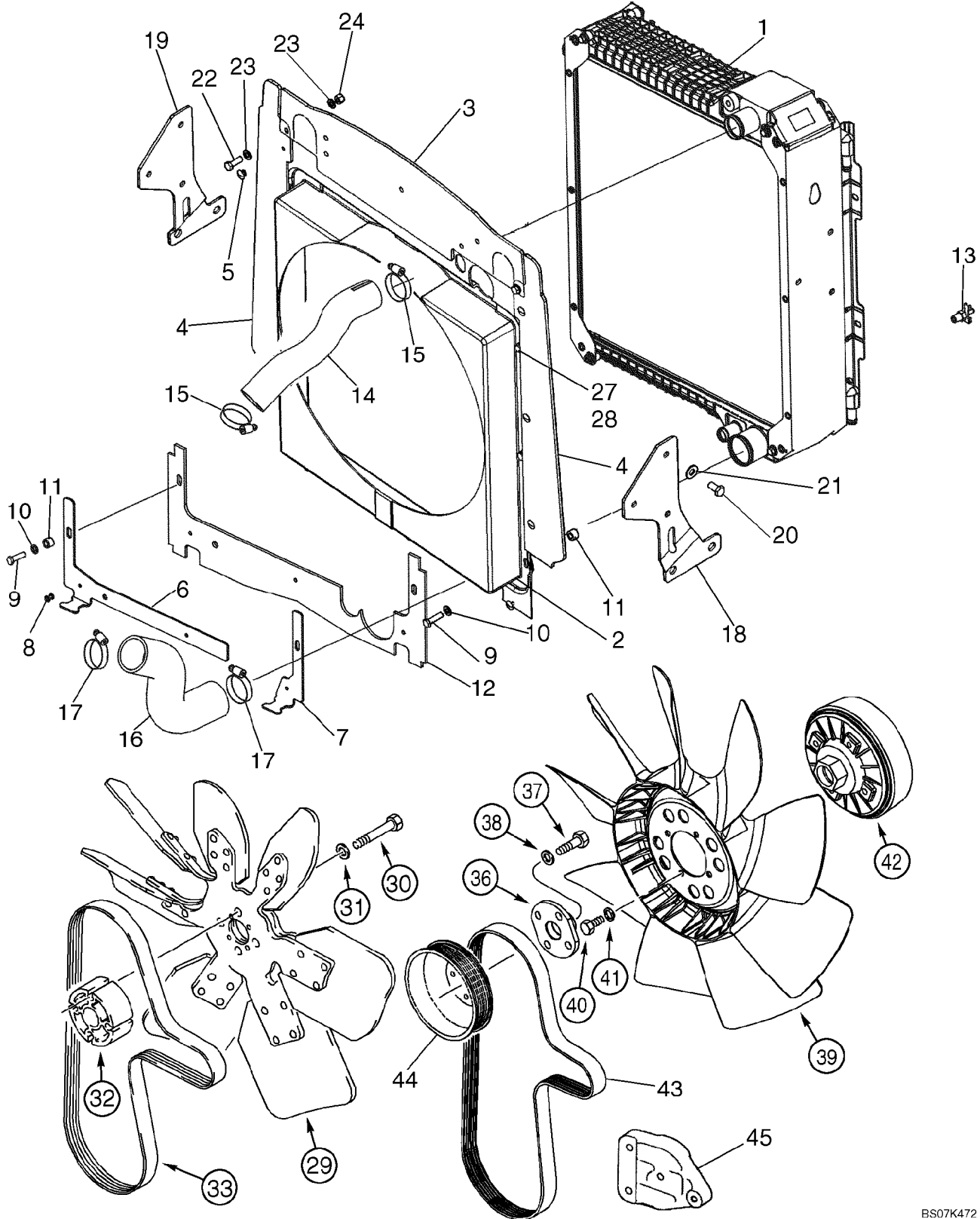
V	volt or volts
W	watt or watts
X	as required
yd	yard

SECTION INDEX

Engine

02-01	RADIATOR - MOUNTING
02-02	DEAERATION SYSTEM - MOUNTING
02-04	AIR CLEANER - AIR INTAKE PARTS
02-05	AIR CLEANER ASSY
02-06	MUFFLER, ASPIRATED - EXHAUST SYSTEM
02-07	ENGINE - MOUNTING
02-08	ENGINE
02-09	CYLINDER BLOCK
02-10	CYLINDER BLOCK
02-11	OIL PUMP, PAN
02-12	CRANKCASE COVERS
02-13	CYLINDER BLOCK - COVERS
02-14	CRANKCASE COVERS
02-15	BREATHER - ENGINE
02-16	CYLINDER HEAD
02-17	CYLINDER HEAD - COVERS
02-18	CYLINDER HEAD - VALVE MECHANISM
02-19	MANIFOLD - INTAKE
02-20	EXHAUST MANIFOLD
02-21	CRANKSHAFT
02-22	CONNECTING ROD
02-23	PISTON - ENGINE
02-24	FLYWHEEL - ENGINE
02-25	PULLEY - CRANKSHAFT
02-26	DYNAMIC BALANCER, GEARS & SHAFTS
02-28	CAMSHAFT
02-29	TURBOCHARGER
02-30	ENGINE OIL DIPSTICK
02-31	OIL PUMP - ENGINE
02-32	OIL FILTERS - ENGINE
02-33	PIPING - ENGINE OIL
02-34	HEAT EXCHANGER - ENGINE
02-35	WATER PUMP
02-36	COOLING SYSTEM - ENGINE
02-37	THERMOSTAT - ENGINE COOLING SYSTEM
02-38	WATER PUMP - CONTROL
02-39	FAN DRIVE
02-41	ENGINE - LIFT HOOK
02-42	ALTERNATOR MOUNTING

RADIATOR - MOUNTING



02-01

p1

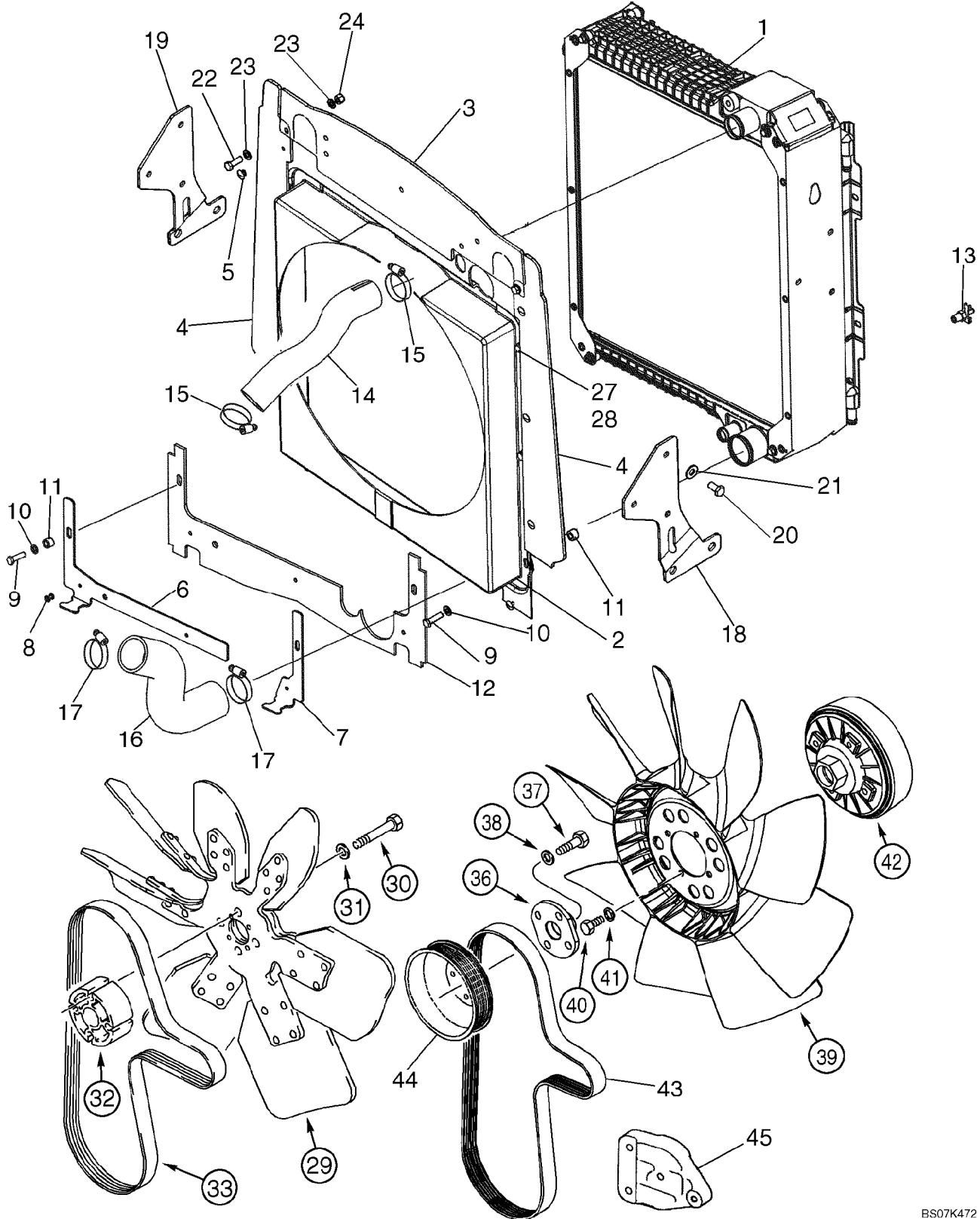
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RADIATOR - MOUNTING

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87576643		1	RADIATOR, 3 Row Radiator, Models With Or Without Air Conditioning; Component Parts Not Available At Time Of Printing
2		87559003		1	SHROUD, Fan
3		87628324		1	SEAL, RUBBER, Top
4		87628308		2	SEAL, RUBBER, Sides
5		87301355		6	RIVET, Pop, 3/16" x .575"
6		87446082		1	PLATE, RETAINING, Lower Left-Hand Shroud
7		87446081		1	PLATE, RETAINING, Lower Right-Hand Shroud; 195 mm (7-11/16 in) Long
8		87301356		3	RIVET, Pop, 3/16" x .700"
9		614-8030		2	BOLT, Hex, M8 x 30, 8.8
10		895-11008		2	WASHER, M8 x 16 x 1.6
11		407962A1		2	SPACER
12		87434978		1	SEAL, RUBBER, Lower Seal
13		81465471		1	DRAINCOCK/TAP, SUPPLY, Drain, 1/4
14		87454377		1	HOSE, LARGE, Upper
15		87647029		2	CLAMP, HOSE
16		87454378		1	HOSE, LARGE, Lower; 5.6 mm (7/32 in) Thick
17		214-1440		2	CLAMP, HOSE, #40, 2.06/3.00 Type F Worm
18		87608368		1	BRACKET, SUPPORTING, Radiator, RH
19		87608370		1	BRACKET, SUPPORTING, Radiator, LH
20		614-10020		6	BOLT, Hex, M10 x 20, 8.8, Full Thd
21		895-15010		6	WASHER, M11 x 24 x 2
22		614-8025		2	BOLT, Hex, M8 x 25, 8.8
23		895-11008		4	WASHER, M8 x 16 x 1.6
24		832-10408		2	NUT, LOCK, M8 x 1.25, Cl 8
27		806-8016		4	BOLT, Hex, Lock, M8 x 16, Cl 10.9
28		895-11008		4	WASHER, M8 x 16 x 1.6
29		228133A2		1	FAN, 39 Degrees; With White Identification Dot; Standard Fan Drive; With Air Conditioning; With Turbo
29		185377A1		1	FAN, 33 Degrees; Standard Fan Drive; Without Air Conditioning; With Or Without Turbo
30		814-10090		4	BOLT, Hex, M10 x 90, 8.8

580M

RADIATOR - MOUNTING



02-01

p2

12/07

RADIATOR - MOUNTING

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
31		496-21041		4	WASHER, 13/32" x 13/16" x .089", HDN
32		87353191		1	SPACER, 59 mm Long, Standard Fan Drive; With Or Without Air Conditioning; With Or Without Turbo; Replaces 85826229 Aluminium 59 mm Long Spacer that has Part Number Stamped On Spacer Used On Some Models
33		85826230		1	BELT, V-Type, Standard Fan Drive; With Or Without Air Conditioning; With Or Without Turbo
36		303192A1		1	ADAPTER, Viscous Fan Drive, With Air Conditioning; With Turbo
37		614-10030		4	BOLT, Hex, M10 x 30, 8.8
38		896-11010		4	WASHER, M10 x 21.5 x 2.5, HT
39		277800A1		1	FAN, 9 Blade, Viscous Fan Drive; With Air Conditioning; With Turbo
40		614-8016		4	BOLT, Hex, M8 x 16, 8.8
41		892-11008		4	WASHER, LOCK, M8
42		87340008		1	DRIVE, Fan Drive; Component Parts Not Serviced Separately; Viscous Fan Drive; With Air Conditioning; With Turbo
43		87415774		1	BELT, V-Type; Viscous Fan Drive, With Air Conditioning; With Turbo
44		4890343		1	PULLEY
45		87442419		1	BRACKET, Pulley Tensioner Support, Painted

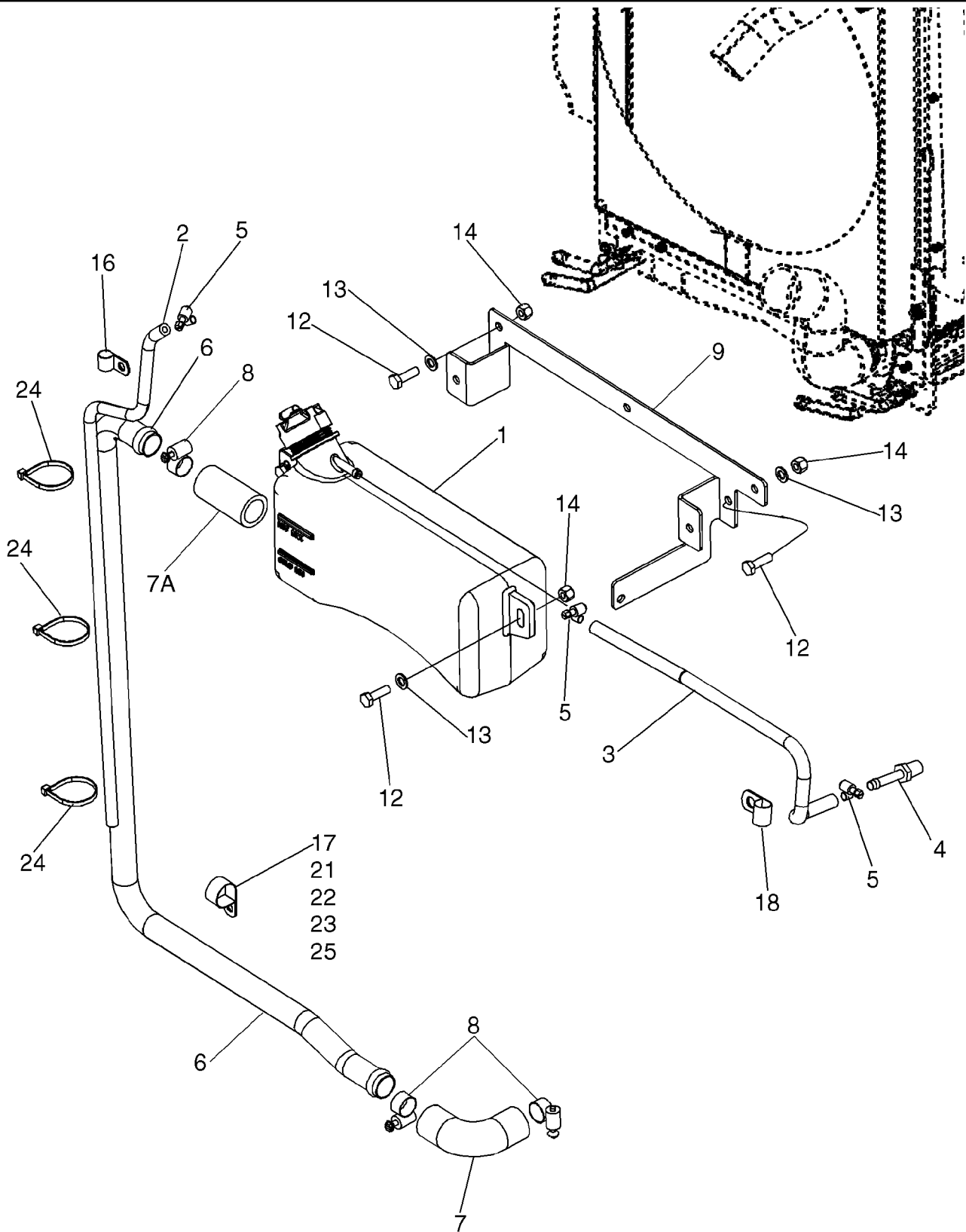
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02-02

p1

12/07

DEAERATION SYSTEM - MOUNTING



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