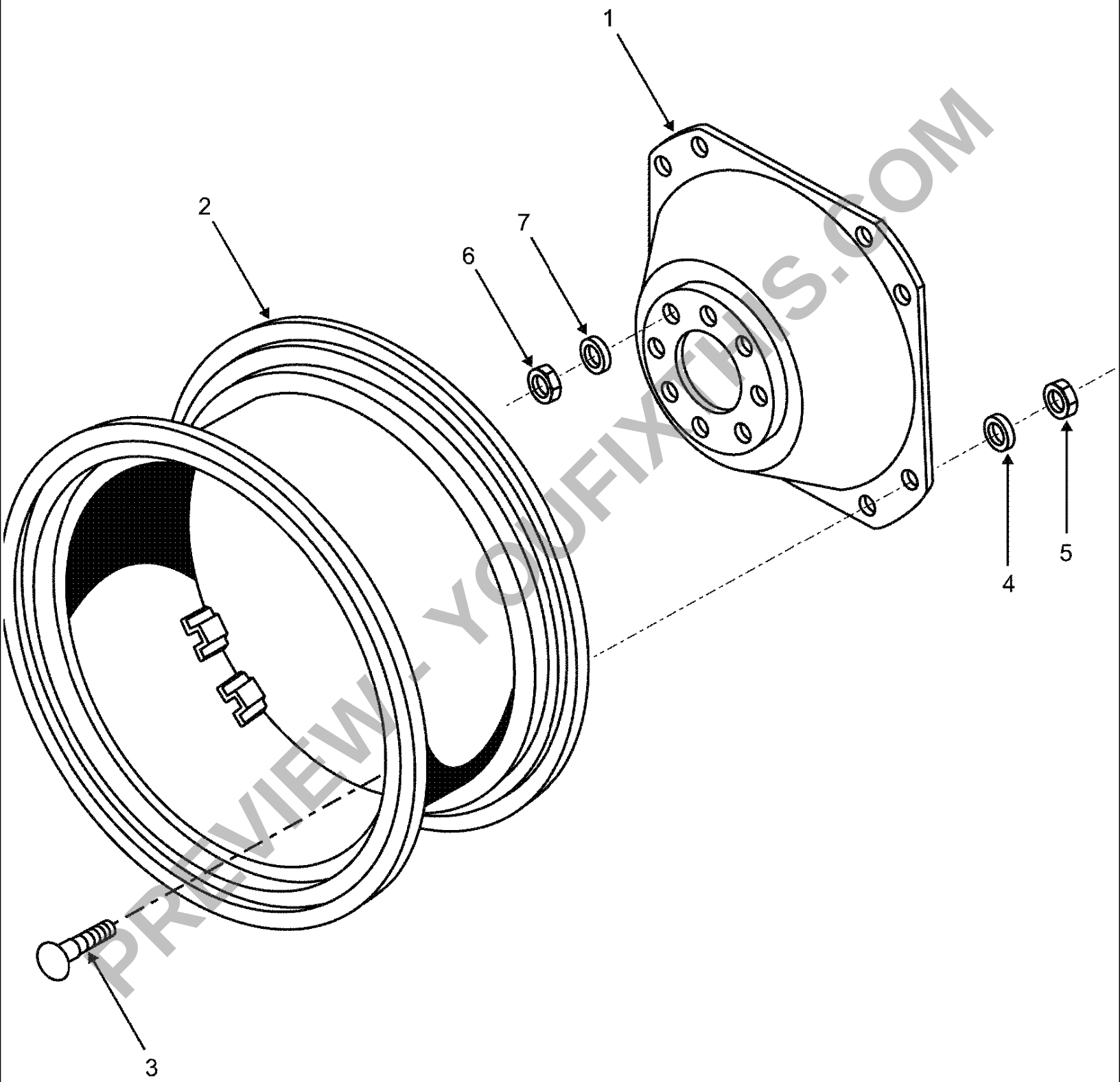

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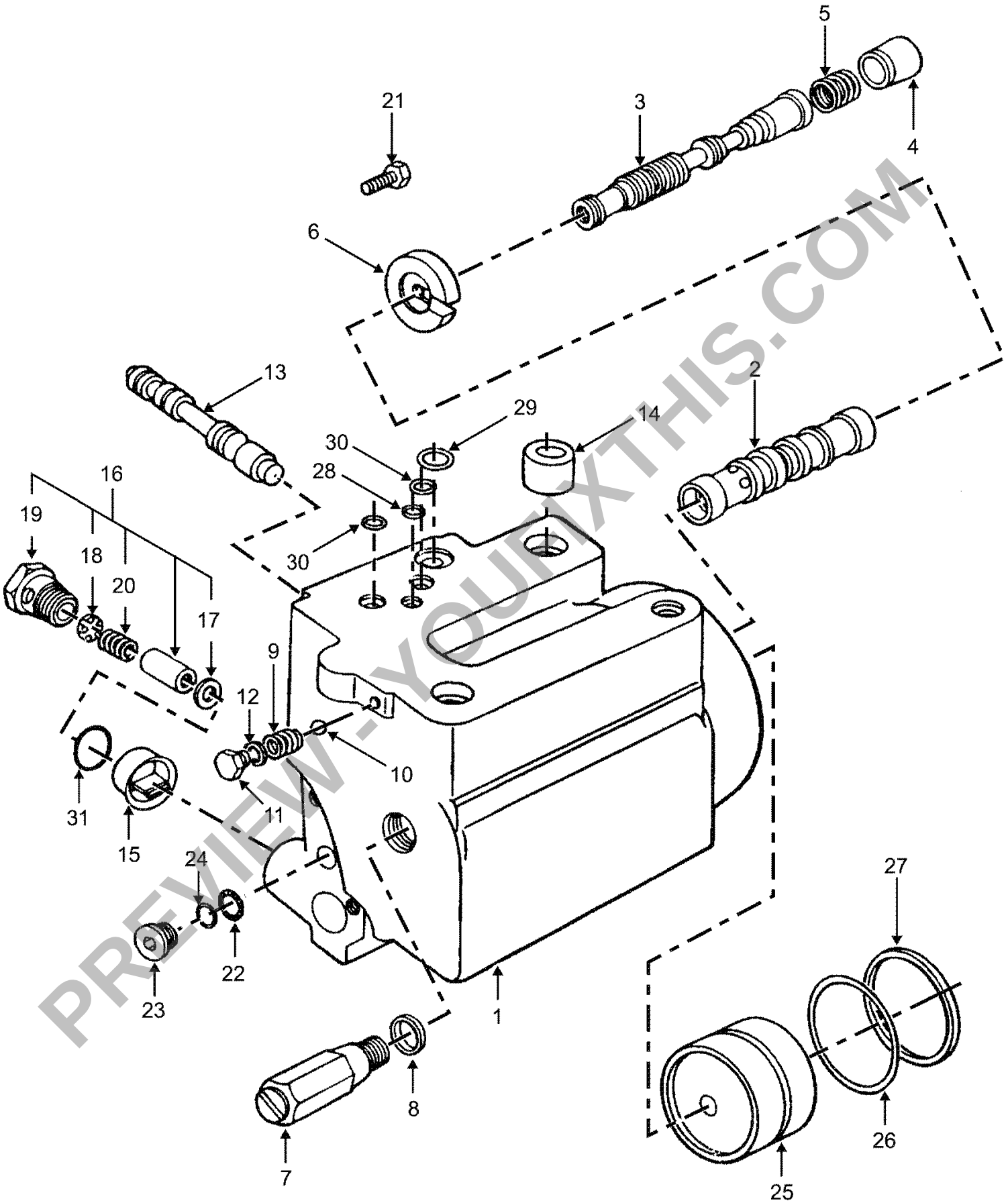
05C01 LIFT CYLINDER



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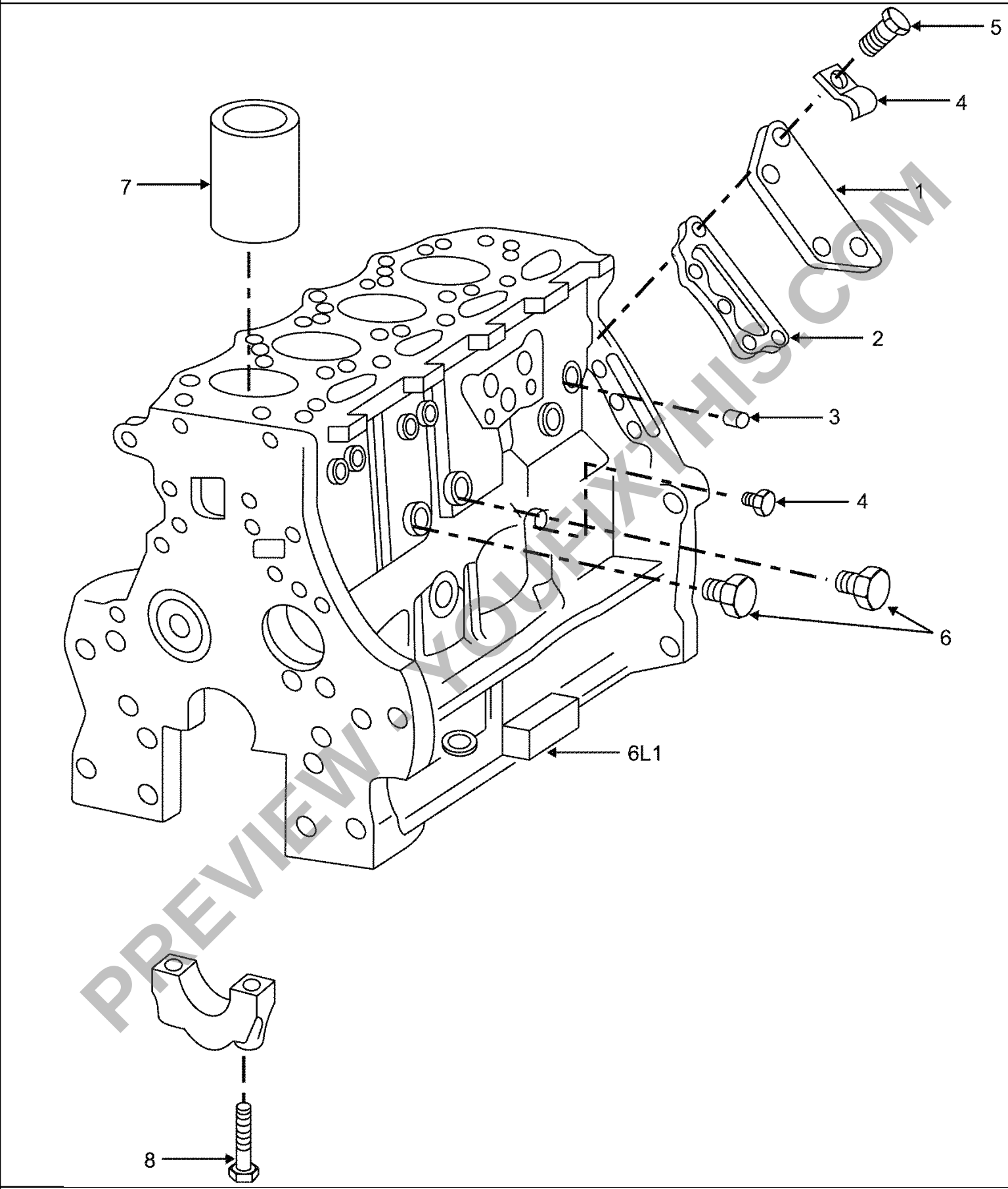

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TB100 4 CYL AG TRACTOR (12/02-)

07A02 TRANSMISSION

Ref	Part Number	Qty	Description
1	E9NN7001CB	1	TRANSMISSION, 8 x 2, L/Dual Power, L/Gearshift Cover
1	E9NN7001GA	1	TRANSMISSION, 16 x 4, W/Dual Power, L/Gearshift Cover
1A	E9NN7006AB	1	SUMP,
2	E0NN7A615AA	2	BUSHING, DRIVE,
3	379304S2	2	PIN, 1/2" x 13/16"
4	73269S	2	PIN, 3/8" x 11/16"
5	V12814	1	PIN,SPLIT (COTTER), 5/32" x 1"
6	83909107	1	PLUG, 3/4""-14 NPT
7	87709S2	1	PLUG, 1/4"-18
8	300997S36	2	SCREW, HH, 3/4"-16 x 6"
9	34683S36	AR	NUT, 3/4"-16
10	P0401846	2	SCREW, Cap, HH, G5, 3/4"-16 x 2-3/4"
11	408	AR	NUT, G5, 5/8"-18
12	50154	2	SCREW, Cap, HH, G5, 5/8"-18 x 4"
13	304883S36	2	SCREW, Cap, 5/8"-11 x 2.375
13A	138188	1	PLUG, Button, 13/32", not shown
14	C7NN7231B	1	FORK, High-Low
15	E8NN7231AA	1	SHIFT, FORK, 2nd, 6th & Reverse
16	E9NN7231FA	1	SHIFT, FORK, 1st, 3rd & 7th
17	E5NN7346AA	1	NUT,
18	E5NN7N103AA	1	COUPLING,
19	E5NN7230AA	1	SHIFT, FORK, 4th & 8th, Includes: Ref. 20 thru 23
20	D7NN7R427A	1	PLUNGER,
21	C7NN7N458A	1	SPRING,
22	C5NN7N456A	1	RETAINER,
23	88171	1	PIN,ROLL, 3/16" x 1-1/8"
24	C5NN7B360A	2	SCREW, Set
25	81804978	4	SCREW, Set
26	87308	6	NUT, Jam, G2, 3/8"-24
27	E9NN7240GB	1	SHAFT, 1st & 5th, 3rd & 7th
28	C5NN7240E	1	ROD, Lower & Reverse, 2nd & 6th
29	D9NN7240CA	1	GUIDE, 2nd & 6th, Reverse & Upper
30	E9NN7240KB	1	SHAFT, High-Low
30A	81860	1	PIN,SPLIT (COTTER), 1/16" x 1"
31	D9NN7240EA	1	GUIDE, 4th & 8th
32	9617020	1	PLUG, Pipe, HS, 1/4"-18, NPTF
33	C5NN7N052A	3	PLUG,
34	BB7234	4	SPRING,
35	145222	4	BALL, 3/8"
36	81817971	1	PIN, 3/8" x .965
36A	379678S	3	PIN, 3/8" x 1.265

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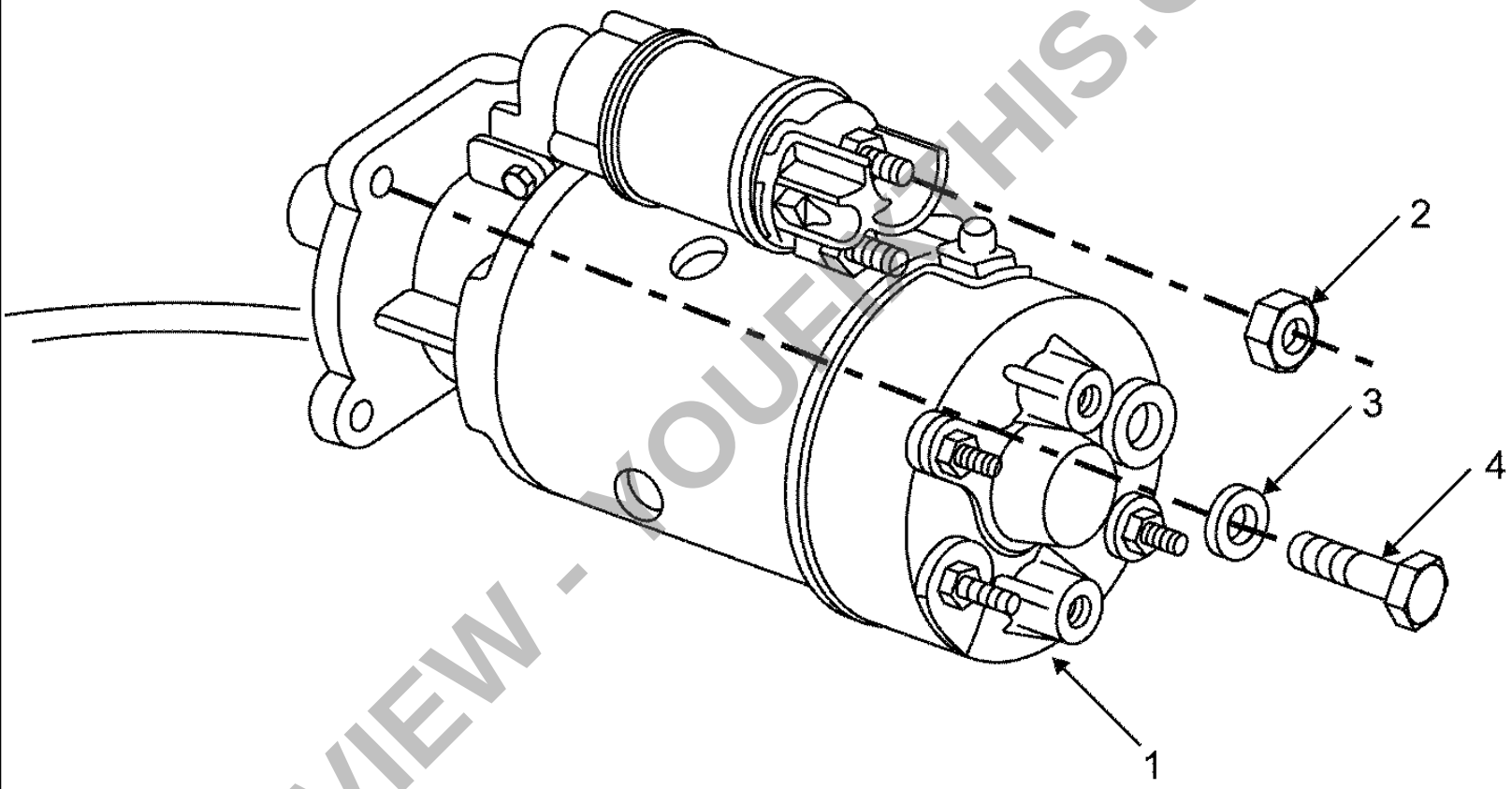

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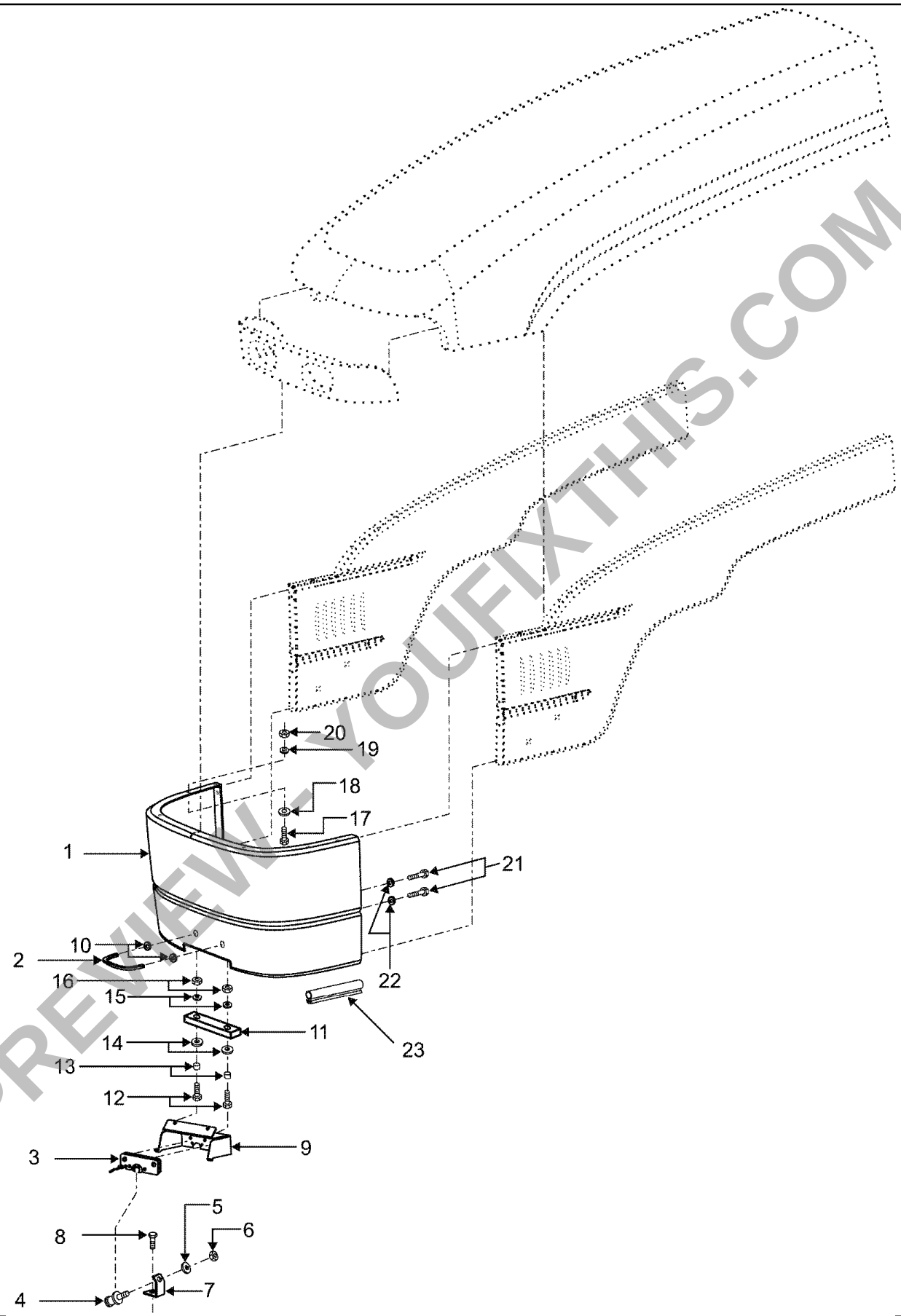
14A02 HOOD, FRONT GRILLE



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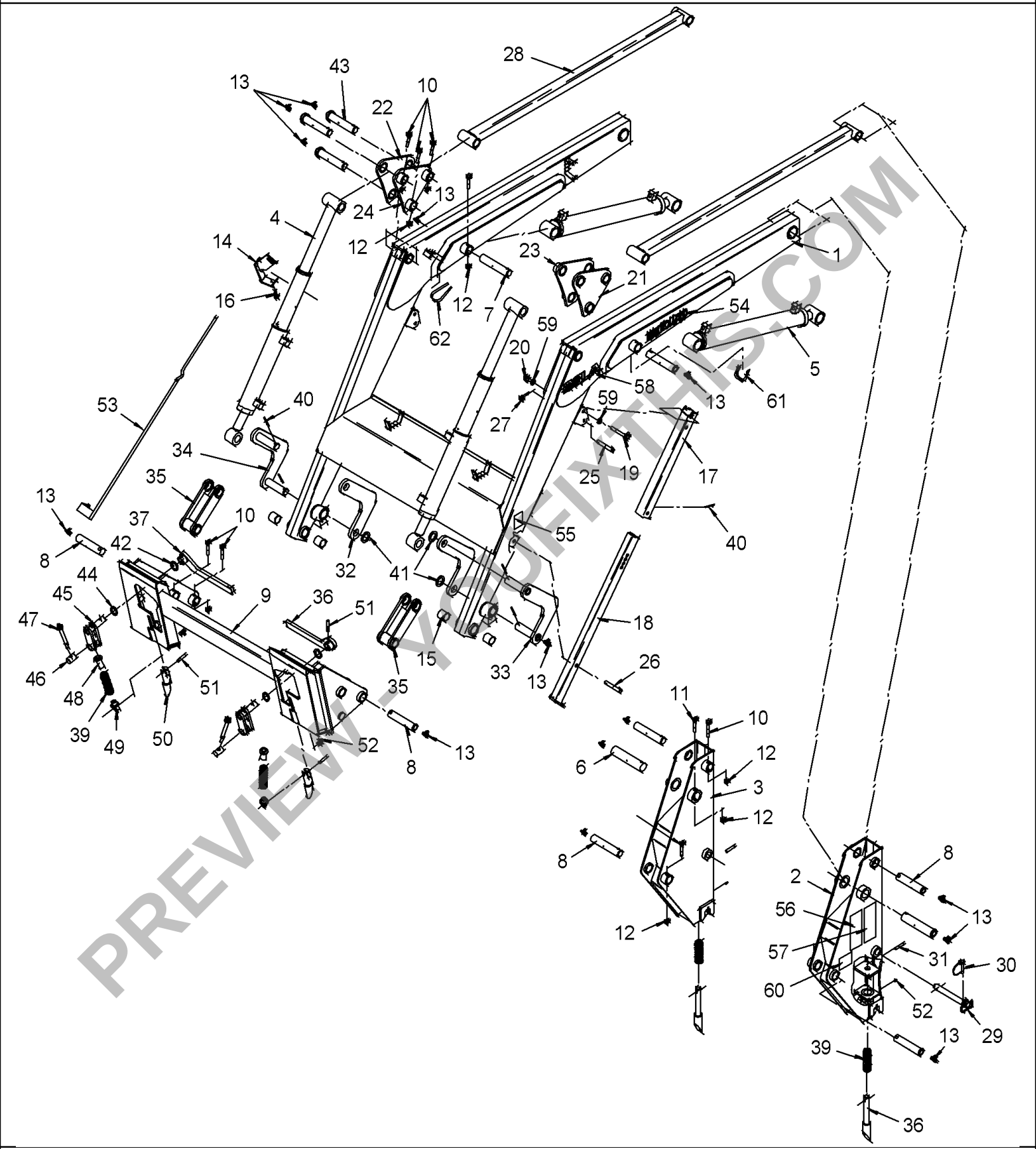
002 MAINFRAME, MSL - 716604006



When ordering either the bucket or lift cylinders check the 2 letter code on the cylinder before ordering.

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Figure Search for TB100 4 CYL AG TRACTOR (12/02-)

11B01 ELECTRICAL WIRING HARNESS, FRONT LIGHTS, 4/6 CYL., NHNA/MEXICO
11C01 ELECTRICAL WIRING HARNESS, MAIN REAR, NHNA
11C02 ELECTRICAL WIRING HARNESS, MAIN REAR, MEXICO
11D01 ELECTRICAL WIRING HARNESS, REAR LIGHTS, 4/6CYL.
11E01 ELECTRICAL WIRING HARNESS, 4WD & DUAL POWER, 4/6 CYL., NHNA
11E02 ELECTRICAL WIRING HARNESS, 4WD & DUAL POWER, 4/6 CYL., MEXICO
11F01 HEADLAMP ASSEMBLY
11G01 ELECTRICAL, SWITCH & HORN
11G02 ELECTRICAL, SWITCHES
11H01 FLASHER LAMPS & SWITCHES, NHNA
11H02 FLASHER LAMPS & SWITCHES, MEXICO
11J01 BATTERY
11K01 STARTER MOTOR DRIVE & RELAY ASSEMBLY
11L01 ALTERNATOR ASSEMBLY
11M01 WORK LIGHT
12A01 PANELS, INSTRUMENTS
13A01 SEAT ASSEMBLY, COBO, DELUXE
13A02 SEAT ASSEMBLY, COBO, DELUXE
14A01 HOOD, SIDE LIGHTS AND PANEL ASSEMBLY
14A02 HOOD, FRONT GRILLE
14B01 HOOD, UPPER & REAR, RH & LH COVER
14C01 FENDER REAR, CROWN RH
14C02 PLATFORM
14C03 FENDER REAR, CROWN LH
14D01 FENDER REAR, FULL COVER, RH
14D02 BAFFLE, HEAT
14E01 HOOD, FENDER AND FRONT GRILLE
15A01 ROLLBAR ASSEMBLY & RELATED PARTS
16A01 DECALS, IDENTIFICATION
16B01 DECALS, CONTROL INSTRUCTION
16C01 DECALS, WARNING & SERVICE
16D01 DECALS, SERVICE, MEXICO
16D02 DECALS, SERVICE, NHNA
16E01 DECALS, TRANSMISSION SHIFT PATTERN
17A01 TOOL
17B01 INJECTOR OIL
17C01 PAINT
17D01 GREASE
17E01 OIL
17F01 SLOW MOVING VEHICLE SIGN

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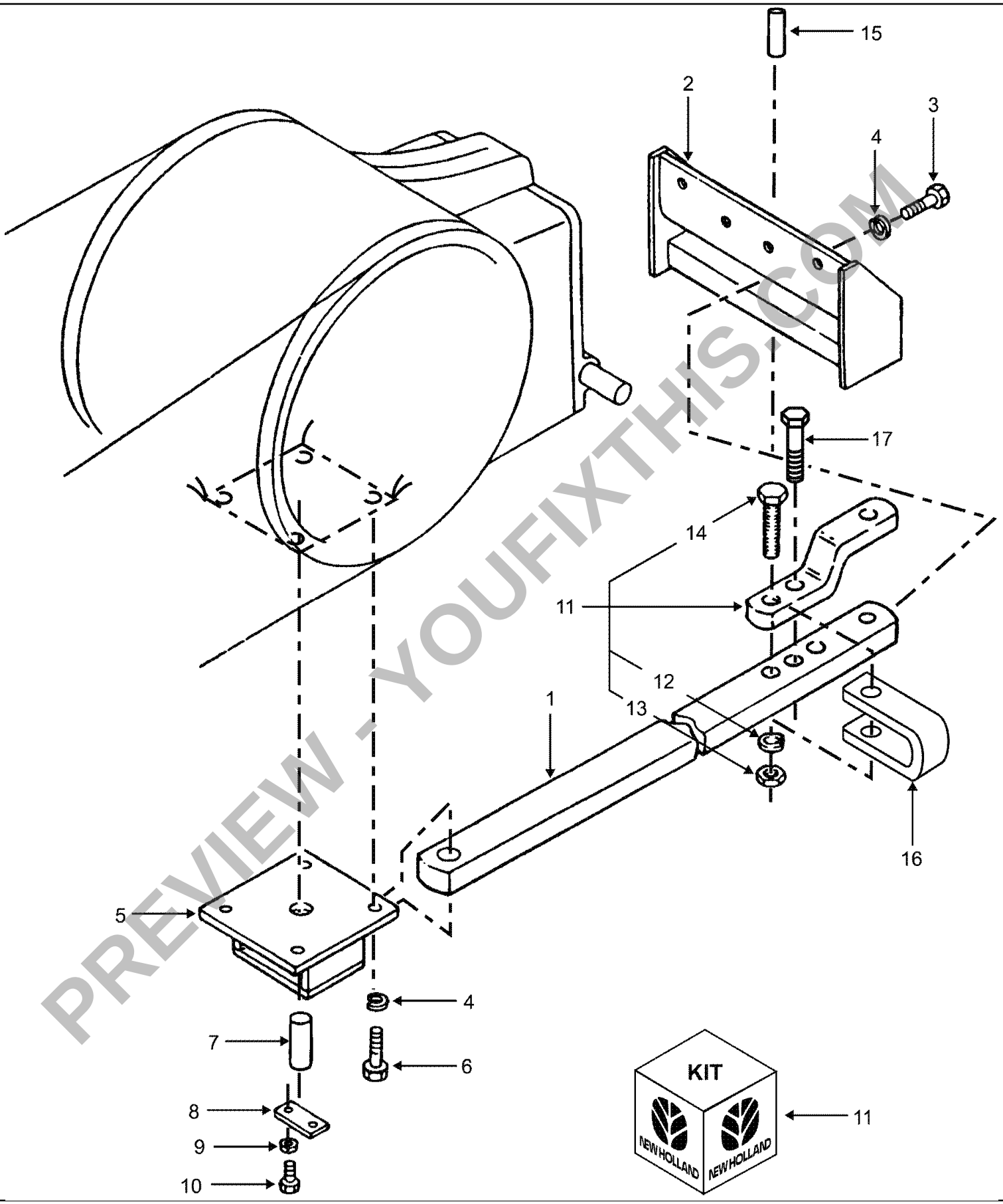

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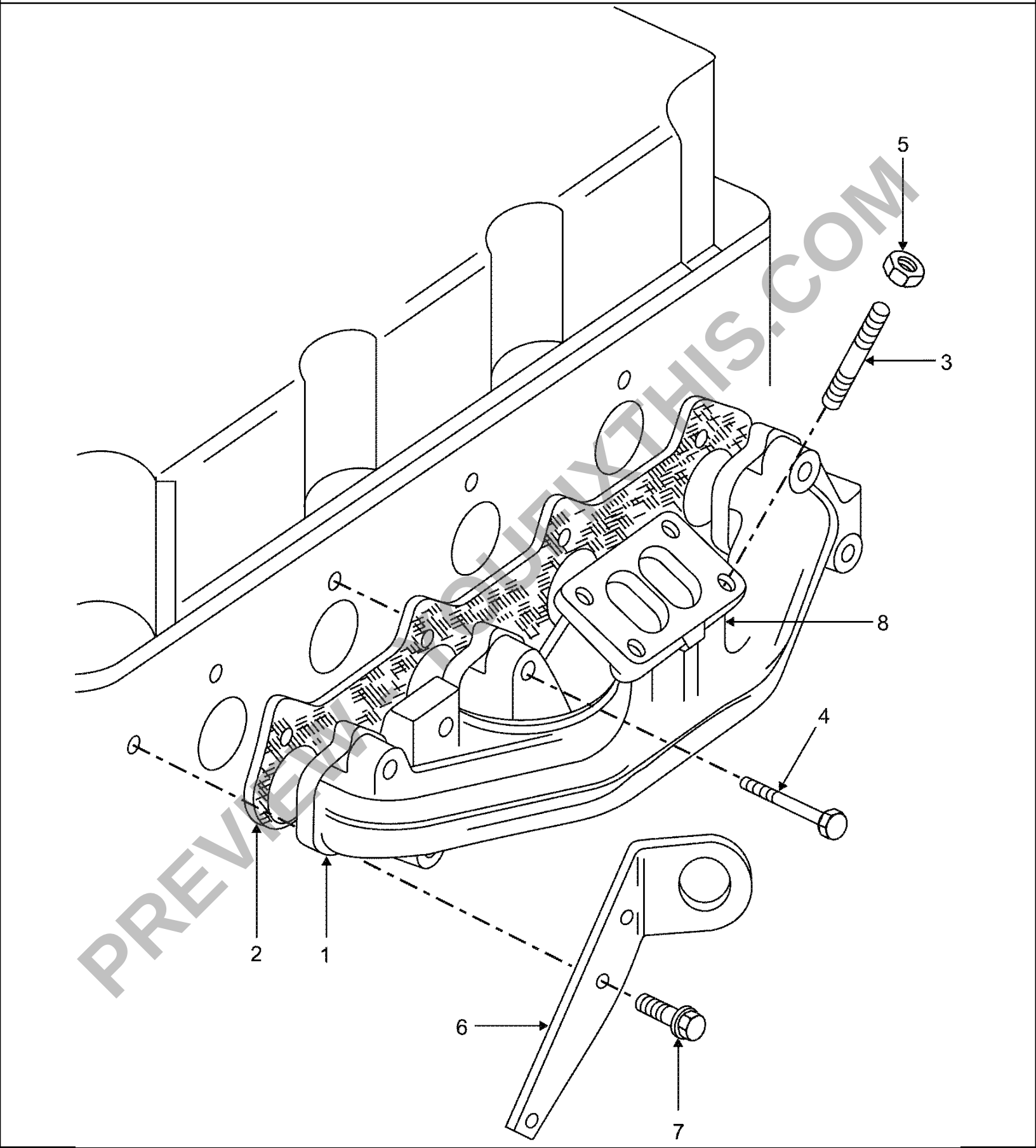

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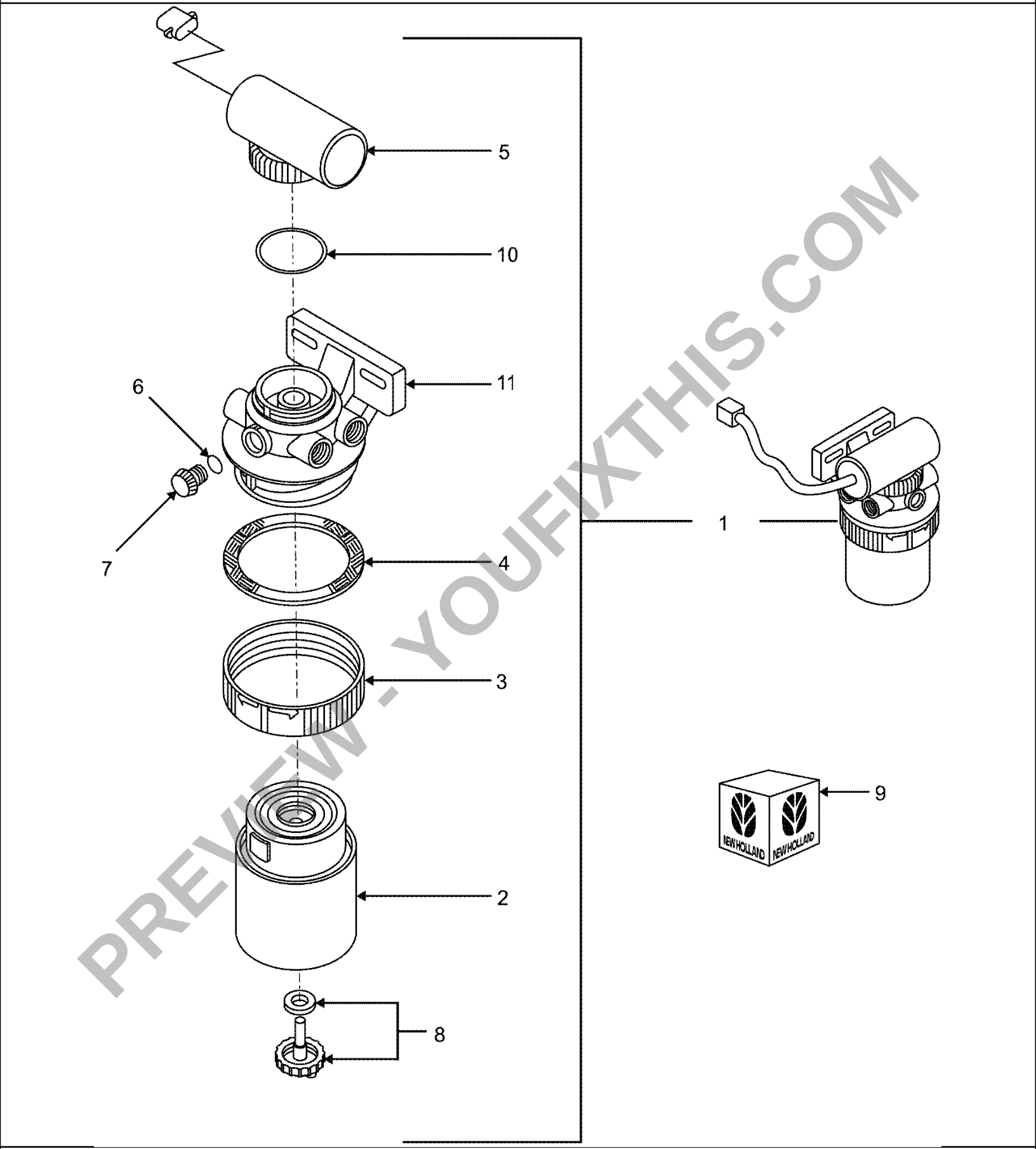
09E02 FUEL FILTER WITH ELECTRIC LIFT PUMP



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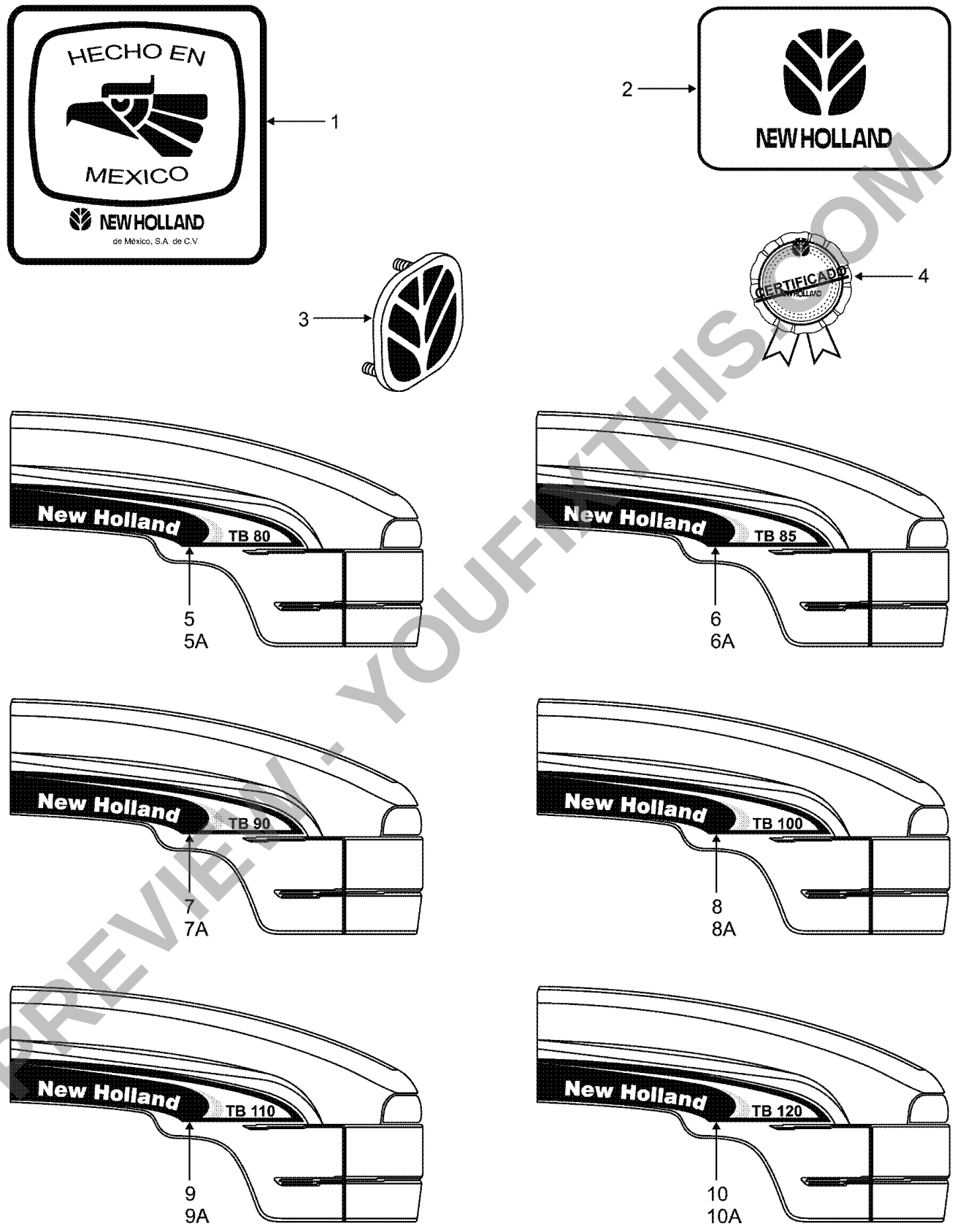

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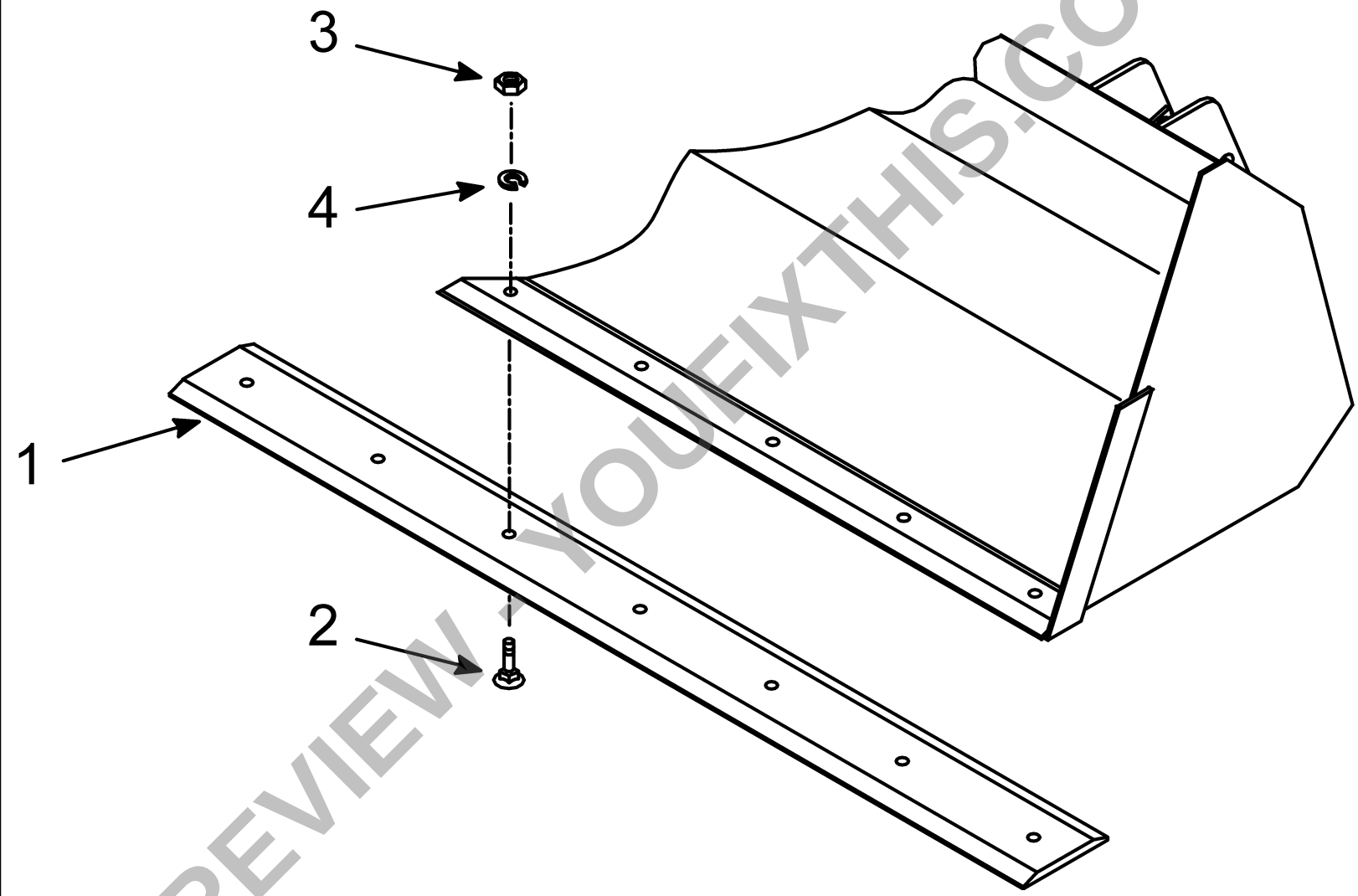
015 BOLT ON REVERSIBLE BLADE KIT FOR HEAVY DUTY BUCKETS



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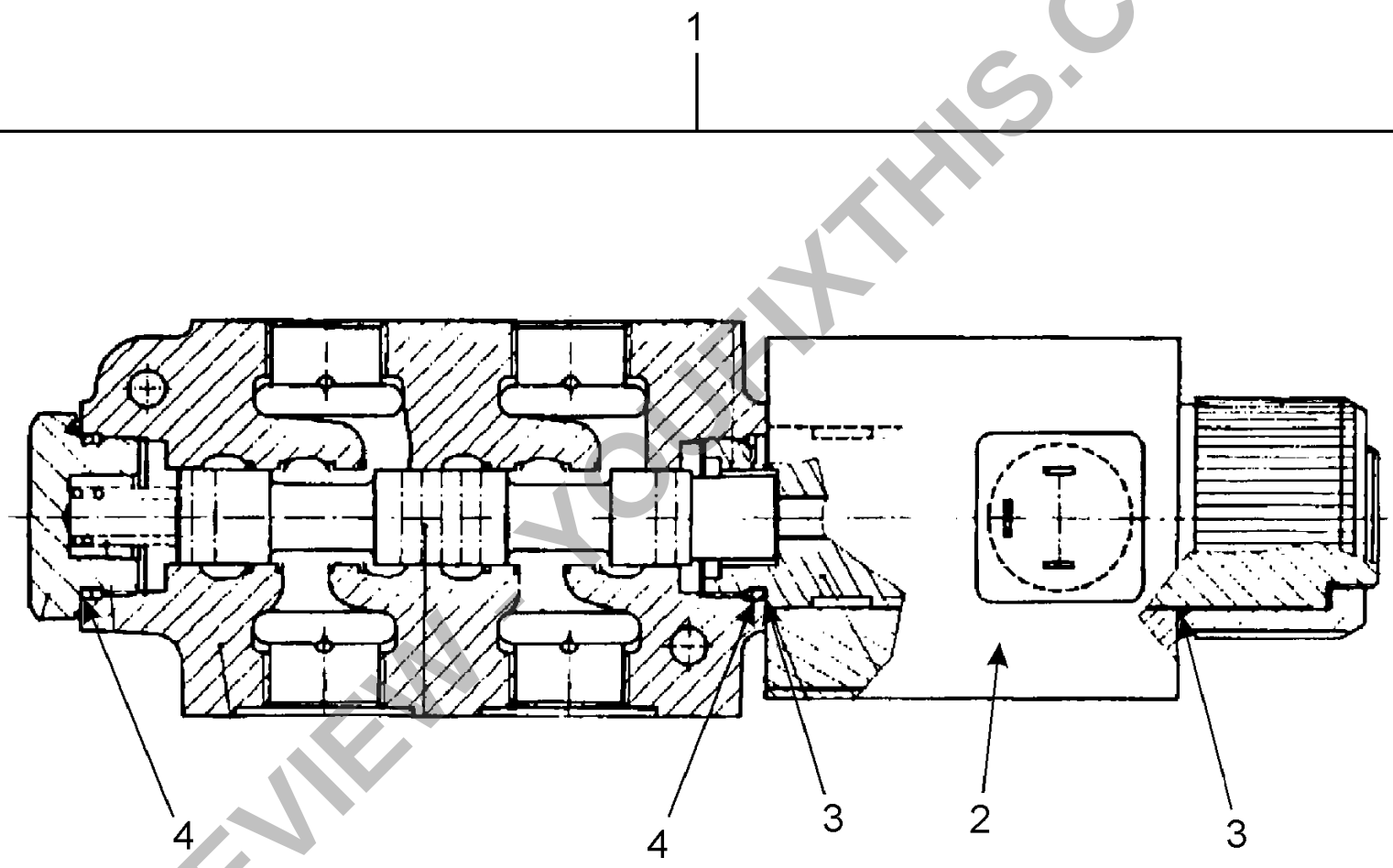

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52LA FARM LOADER (5/99-)

06[1] GRAPPLE FORK ASSY.

Ref	Part Number	Qty	Description
1	SML488611	1	Upright Assy., Left, Includes 1 decal (Ref. 11)
2	SML488612	1	Upright Assy., Right, Includes 1 decal (Ref. 11)
3	SML475121	1	Frame Assy., Left
4	SML475122	1	Frame Assy., Right
5	SML47510	1	Cross Tube Assy.
6	86583615	4	Tine
7	87403	22	Screw, Cap, HH, G5, 3/4"-10 x 2-1/4"
8	PL	24	Nut, Lock, 3/4-10
9	86507002	4	Screw, Cap, HH, G5, 3/4"-10 x 5-1/2"
10	84972	2	Nut, Jam, G2, 3/4"-10
11	88616	2	Decal, Warning
12	88011	6	Screw, Cap, HH, G5, 3/8"-16 x 1-1/4"
13	88902	6	Nut, Lock, GC, 3/8"-16
14	249100	16	Washer, Flat, 3/4
15	PL	6	Fitting, Grease
16	86583636	6	Pin, 1-1/4" x 6-7/16"
17	86583616	2	Cylinder Assy., See Cyl. Fig. for breakdown

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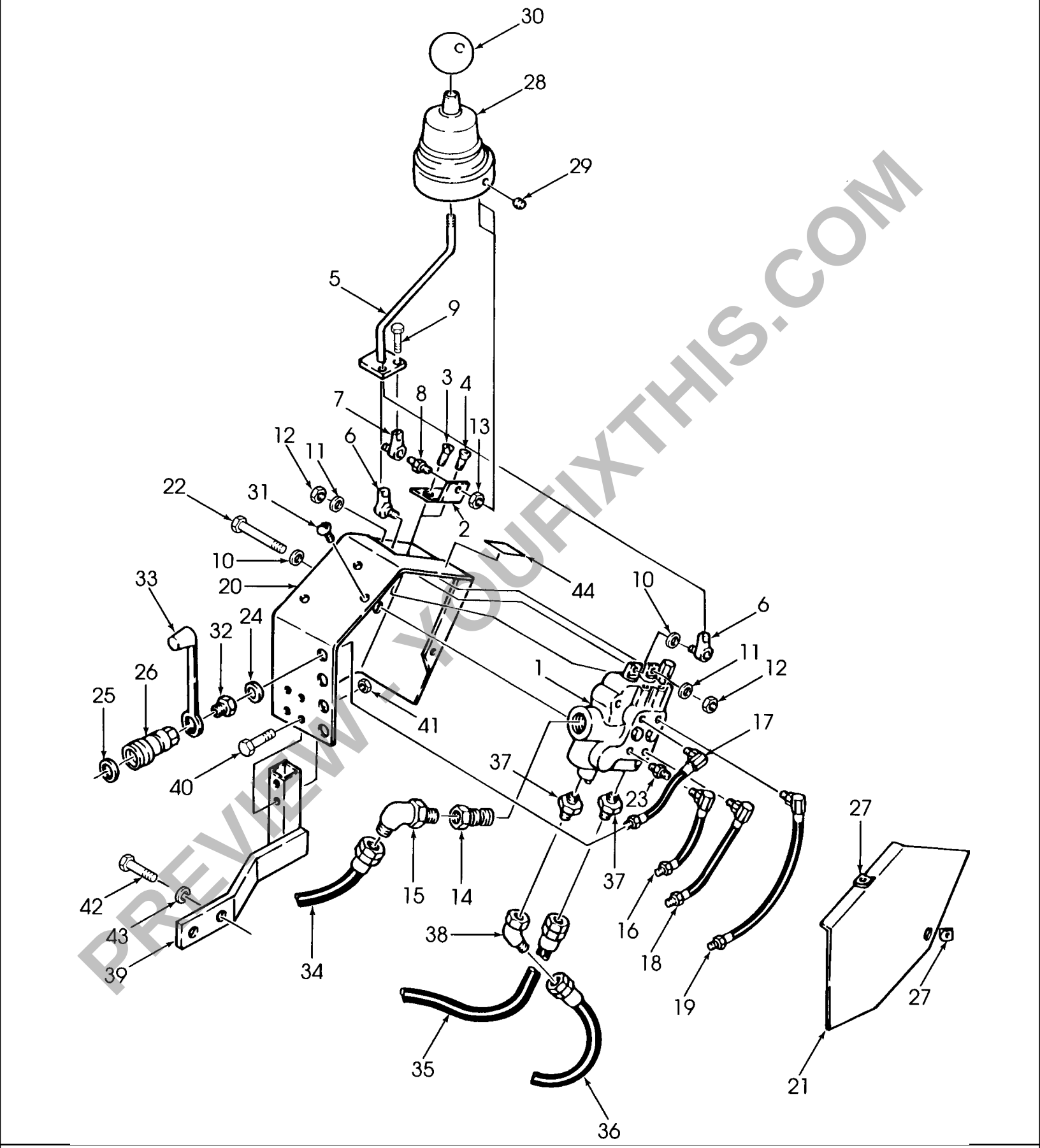
009A SINGLE LEVER CONTROL VALVE, L/CAB-9862811



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026 CONTROL VALVE MOUNTING, 715806002 & 715808002

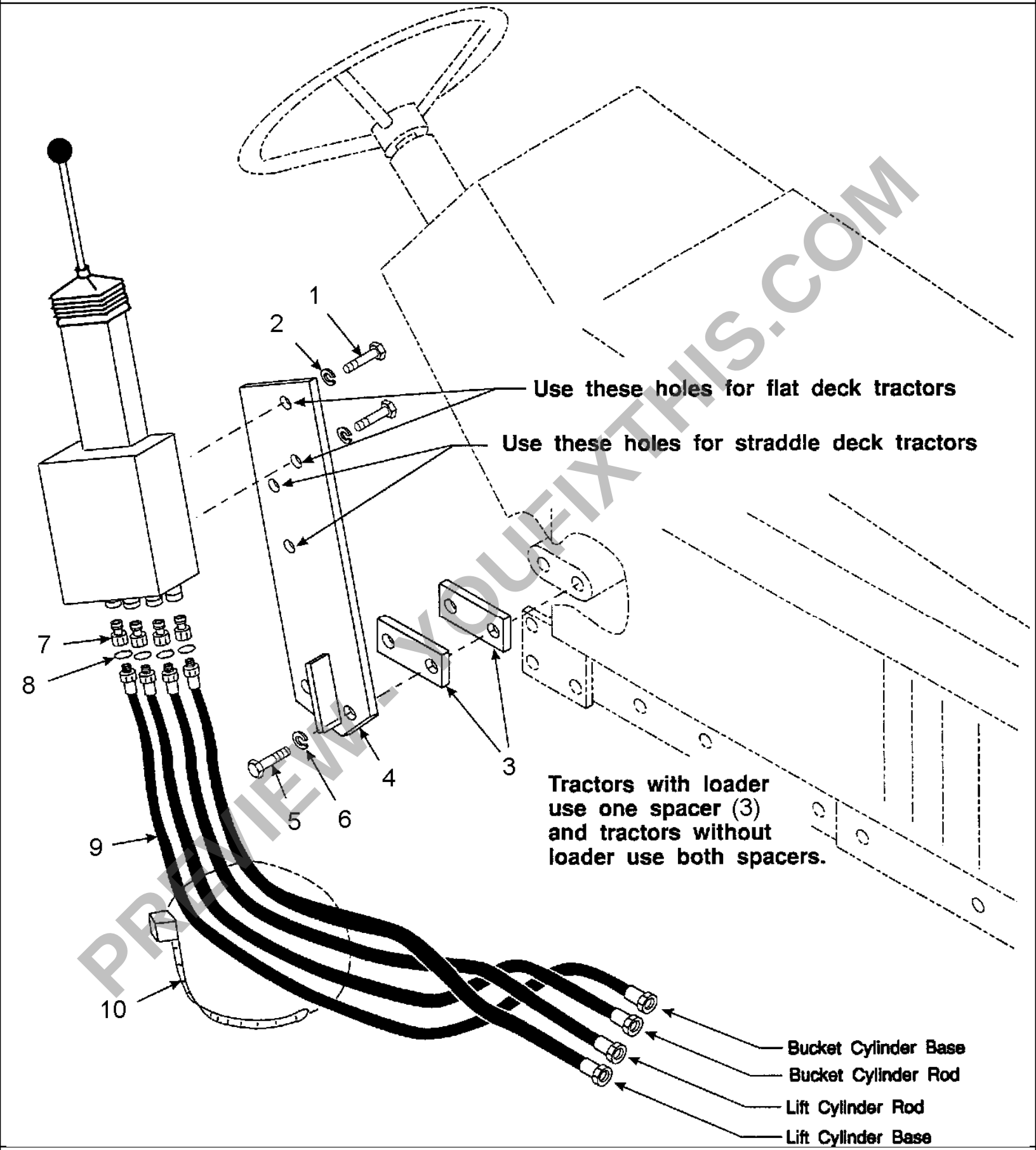

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Figure Search for 7310 QUICK ATTACH FARM LOADER (10/93-)

001 MAINFRAME, 9861953 - SERIES 7310
002 HYDRAULIC LINES & HOSES, 9861953 - SERIES 7310
002[A] LOADER PLUMBING KIT - 715743036 FOR TN SERIES W/REAR REMOTES
002[B] HOSE KIT - 715841006 FOR MODEL TND TRACTORS WITH CAB & MID MOUNT VALVE
002[C] HOSE KIT- 715814006 FOR TL & 35 SERIES W/MID-MOUNTED REMOTE VALVES
002[D] HOSE KIT - 9863745 FOR TL & 35 SERIES W/REAR REMOTE VALVES
003 MOUNTING KIT, 9861954, 9862280, 715790001- SERIES 7310
004 MOUNTING KIT, 9862071 & 9862281 - SERIES 7310
004[A] MOUNTING KIT - 716330001, 716373006 & 716373016 FOR 35 SERIES, TL90, TL100 TRACTORS
004[B] MOUNT KIT, 715795006 & 715795016 FOR TN & TND TRACTORS
005 GRILLE GUARD, 715825006 & 715825016 FOR TN & TND TRACTORS
005[A] VALVE ASSEMBLY
005[B] WALVOIL VALVE
005[C] WALVOIL VALVE BREAKDOWN
006 SINGLE LEVER CONTROL VALVE L/CAB, 9845316 - SERIES 7310
006[A] SINGLE LEVER CONTROL VALVE, L/CAB-9862811
007 LOADER CONTROL VALVE PLUMBING, 9845316 - SERIES 7310
007[A] VALVE & PLUMBING KIT-9862811
007[B] VALVE & PLUMBING KIT
008 HYDRAULIC SELF-LEVELING VALVE, 9862067
009 SELF-LEVELING VALVE
010 GRAPPLE FORK, 9843599 FOR SERIES 7310 TINE CLAMP KIT, 9843600 FOR SERIES 7310
011 GRAPPLE FORK HYDRAULIC PLUMBING - SERIES 7310
011[B] SELECTOR VALVE
012 CYLINDER, LIFT, 9861953 - SERIES 7310
013 CYLINDER, BUCKET, 9861953 - SERIES 7310
014 GRAPPLE FORK CYLINDER, GRAPPLE FORK, 9843599 - SERIES 7310
015 BUCKET QUICK ATTACH DEVICE 9843739 - SERIES 7310
015[A] QUICK ATTACH DEVICE FOR SKID STEER COMPATIBLE ATTACHMENT - 716653016
015[A] QUICK ATTACH DEVICE FOR SKID STEER COMPATIBLE ATTACHMENT - 716653016
015[B] QUICK ATTACH UNIVERSAL ADAPTER PLATE - 715750006
016 BALE SPEAR, QUICK ATTACH, 9843744 - SERIES 7310
016[A] PALLET FORK, QUICK ATTACH - 9863275
016[B] PALLET FORK, PIN-ON - 9863276
016[C] BUCKETS, QUICK ATTACH
017 BUCKETS - SERIES 7310
017[A] BOLT ON REVERSIBLE BLADE KIT FOR HEAVY DUTY BUCKETS
018 DECALS - SERIES 7310
019 BOOM ATTACHMENT, PALLET FORK - 9863277
019 BOOM ATTACHMENT, PALLET FORK - 9863277
020 NO TOOLS ATTACHING KIT, 9862073 - SERIES 7310
021 GRILLE GUARD - 9862132
022 GRILLE GUARD, 715824026
023 GRILL GUARD - 9863746 - FOR 35 SERIES
024 THIRD FUNCTION VALVE KIT - 715740002

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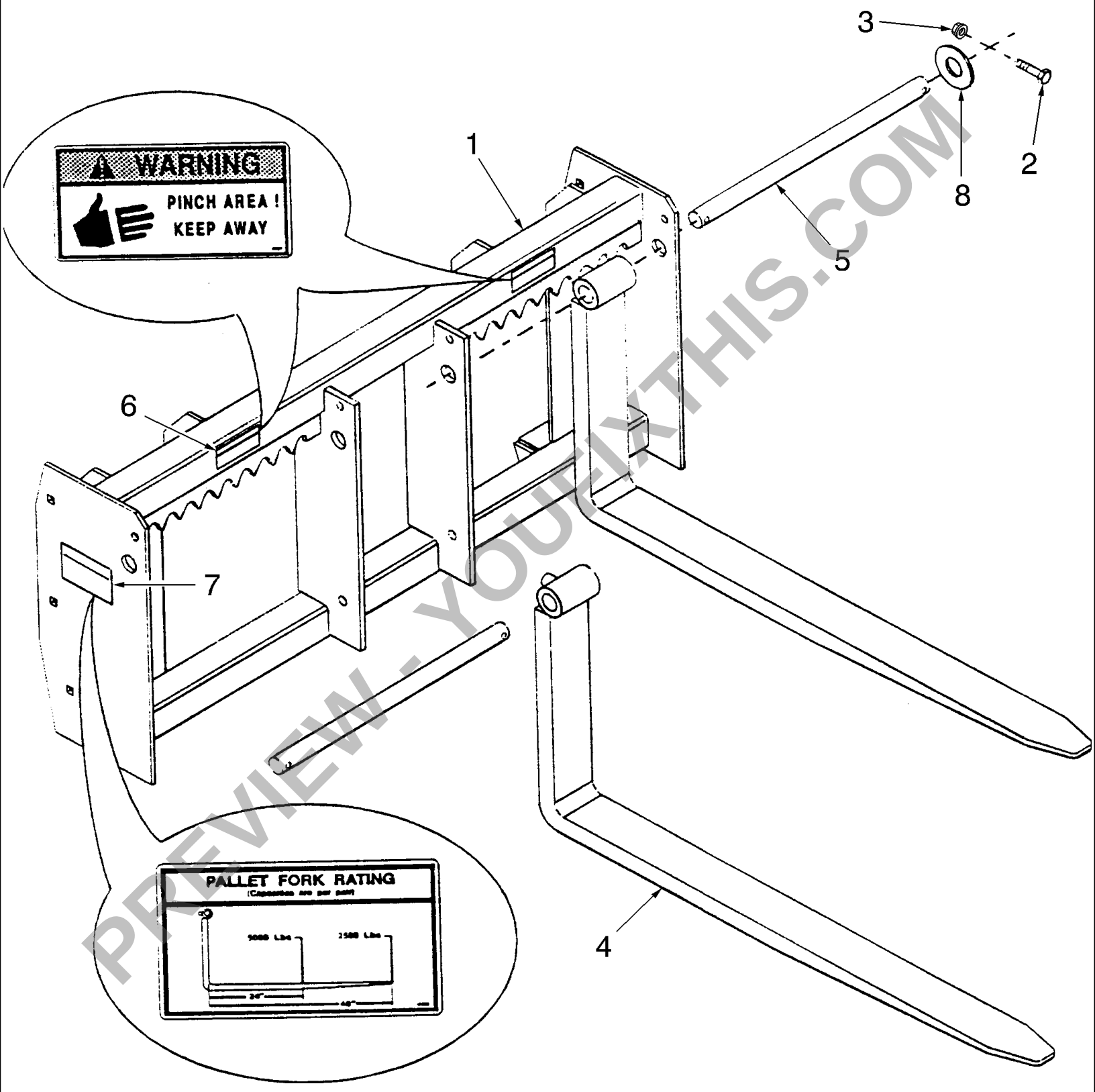
016[A] PALLET FORK, QUICK ATTACH - 9863275



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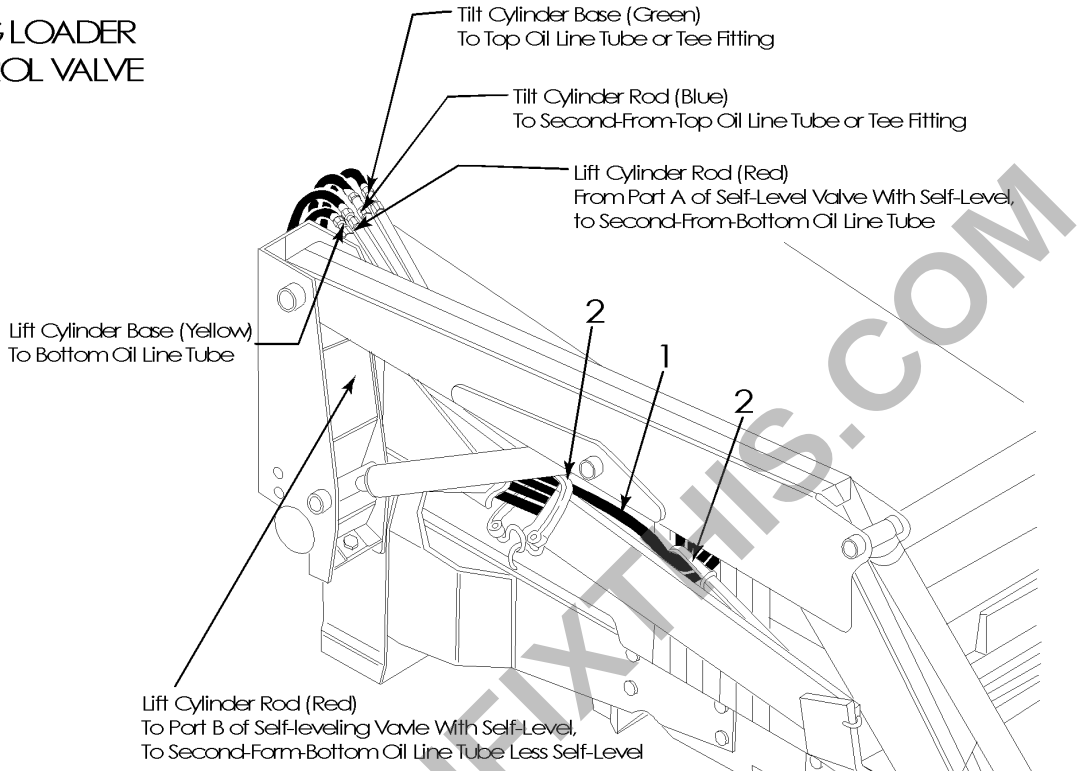
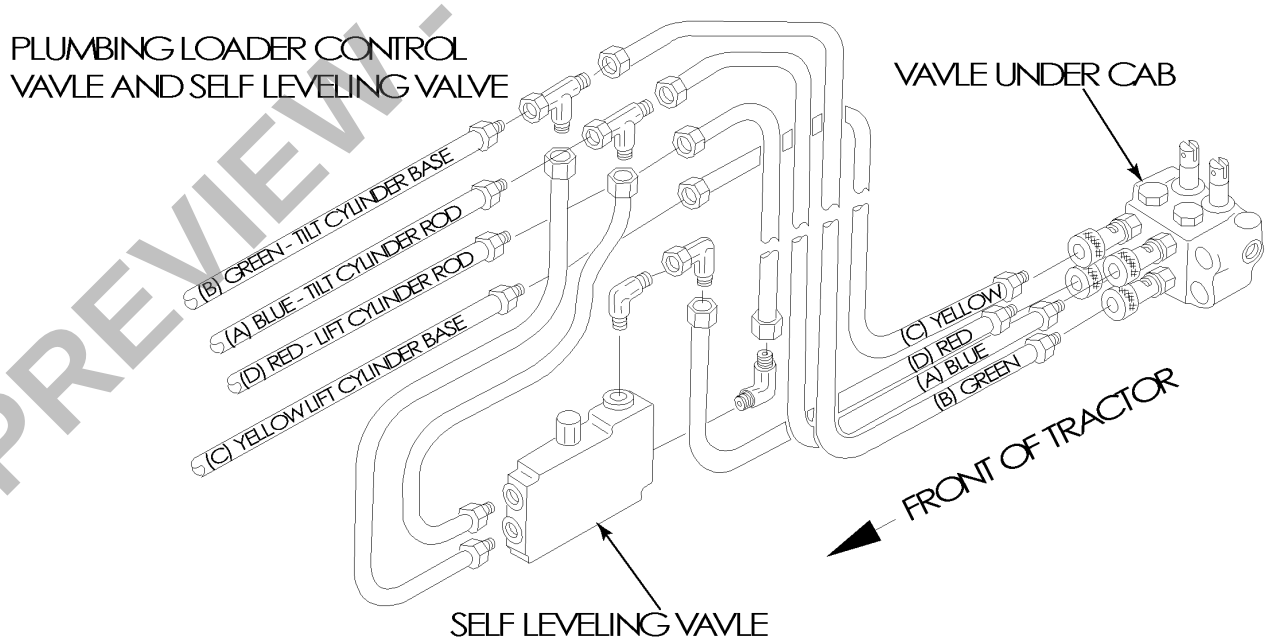
PLUMBING LOADER TO CONTROL VALVE



NOTE: This illustration shows a "typical" front end loader with hoses forn control valve. Wrap rear rubber strap around all hoses and loader side frame to secure hoses away from moving parts. Actual position for attaching front rubber strap hook will vary with loader model. See your loader operator's manual for actual location of front rubber strap.

PLUMBING LOADER CONTROL VAVLE AND SELF LEVELING VALVE



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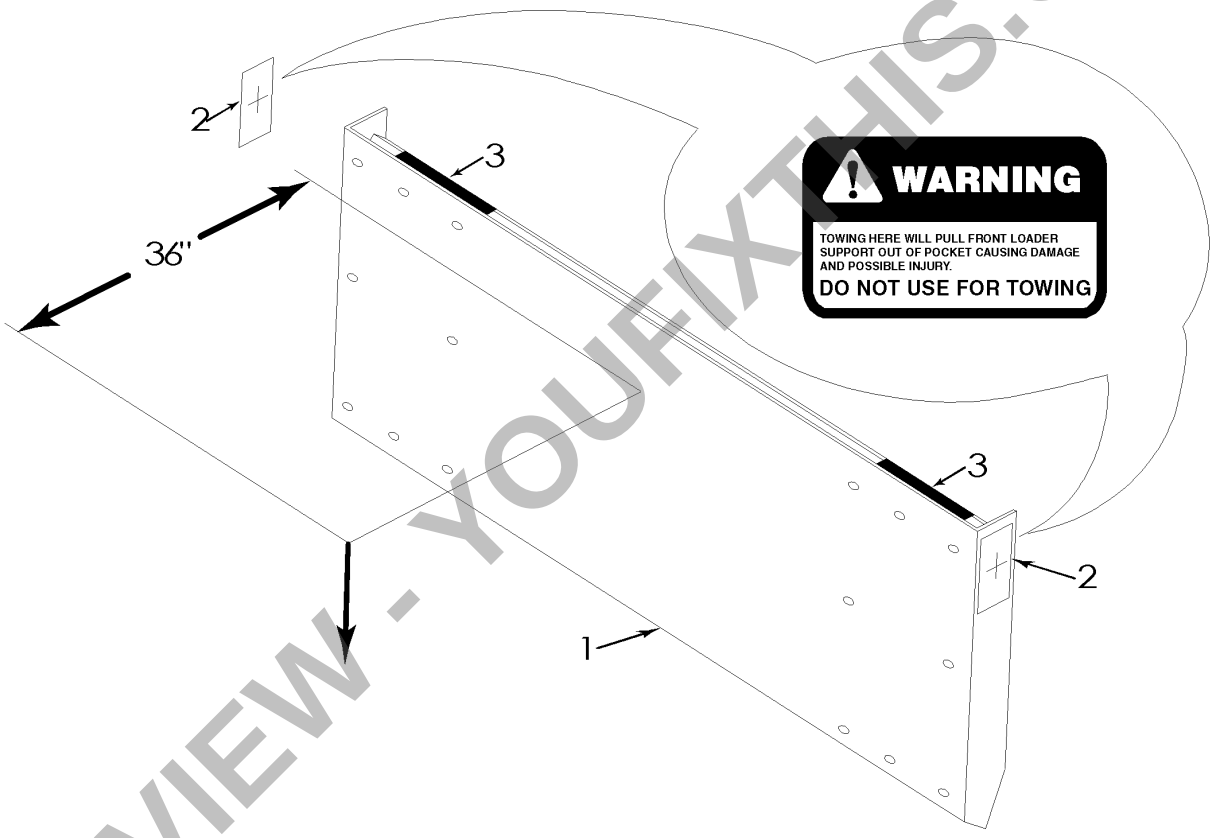
057 MOUNTING PLATE



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7314 QUICK ATTACH FARM LOADER (4/96-)

004 7314 MAIN HYDRAULIC SYSTEM

Ref	Part Number	Qty	Description
1	128830	4	Fitting, Elbow, 3/4-16 SAE X 3/4-16 JIC, 90 degrees
2	SML385762	2	Hose, 3/8 X 78"
3	SML442691	2	Hose, 3/8 X 90"
4	SML368444	2	Hose, 3/8 X 35"
5	SML3684420	2	Hose, 3/8 X 30"
6	SML43976	1	Tube, Oil Line, LCR (Repair Part Number)
7	SML43977	1	Tube, Oil Line, LCB (Repair Part Number)
8	SML43978	1	Tube, Oil Line, BCR (Repair Part Number)
9	SML43979	1	Tube, Oil Line, BCR (Repair Part Number)
10	SML607611	2	Clamp, Adjustable, Hose
11	SML368441	1	Hose, 3/8 X 16
12	76349	1	Plug, 9/16-18 O Ring
13	SML420631	2	Hose, 3/8-20
14	SML42042	1	Valve, Relief
15	SML332134	2	Cartridge, Relief Valve
15	SML43095	3	Kit, Seal - Included with Ref. 15 & 21, Consists of two O-Rings and one Back-up Washer
16	325059	1	Connector, Male, 7/8"-14, Flare x 7/8"-14, W/O-Ring
17	86513011	2	Fitting, Tee, 3/4-16, Swivel Nut Run
18	128818	3	Fitting, Adapter, Straight, 3/4-16 O Ring x 3/4-16 x JIC
19	182977	2	Fitting, Elbow, 7/8-14 JIC X 7/8-14 JIC, Swivel, 90 degrees
20	SML42043	1	Valve, Relief
21	SML332136	1	Cartridge, Relief Valve
22	SML420622	1	Fitting, Adapter, 7/8-14 O Ring X 7/8-14 JIC, Swivel
23	9601709	3	Fitting, Adapter, 3/4-16 O Ring X 3/4-16 JIC, Swivel
24	248974	2	Elbow, 90°, 3/4"-16, Swivel Nut
25	86513015	2	Fitting, Tee, 3/4-16, Swivel Nut Run
26	SML607616	2	Clamp, Adjustable, Hose
27	SML44166	2	Valve, Lockout

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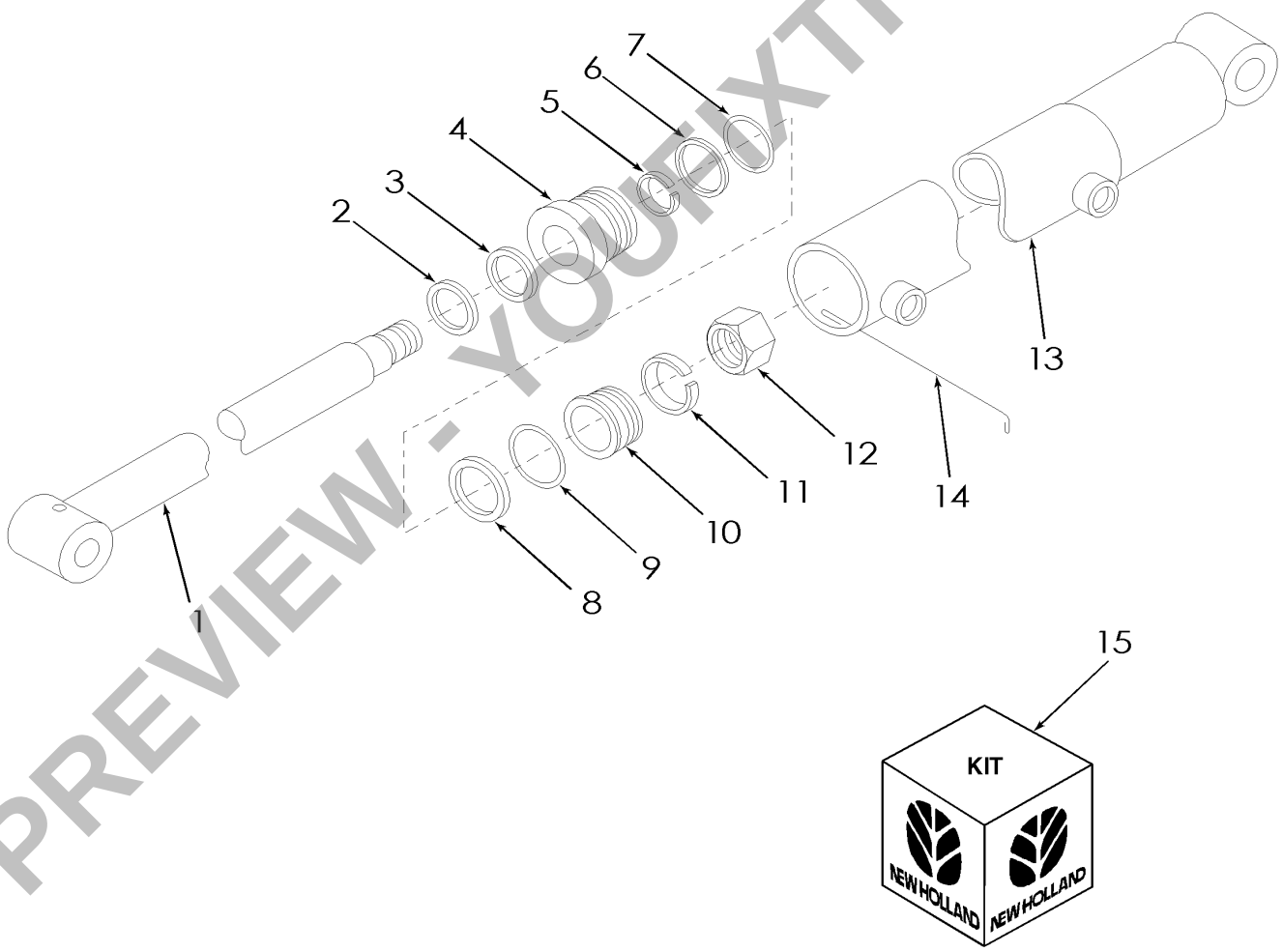
041 7314 BUCKET CYLINDER, 43982 (KL) & 46683 (LJ) 3-1/4"



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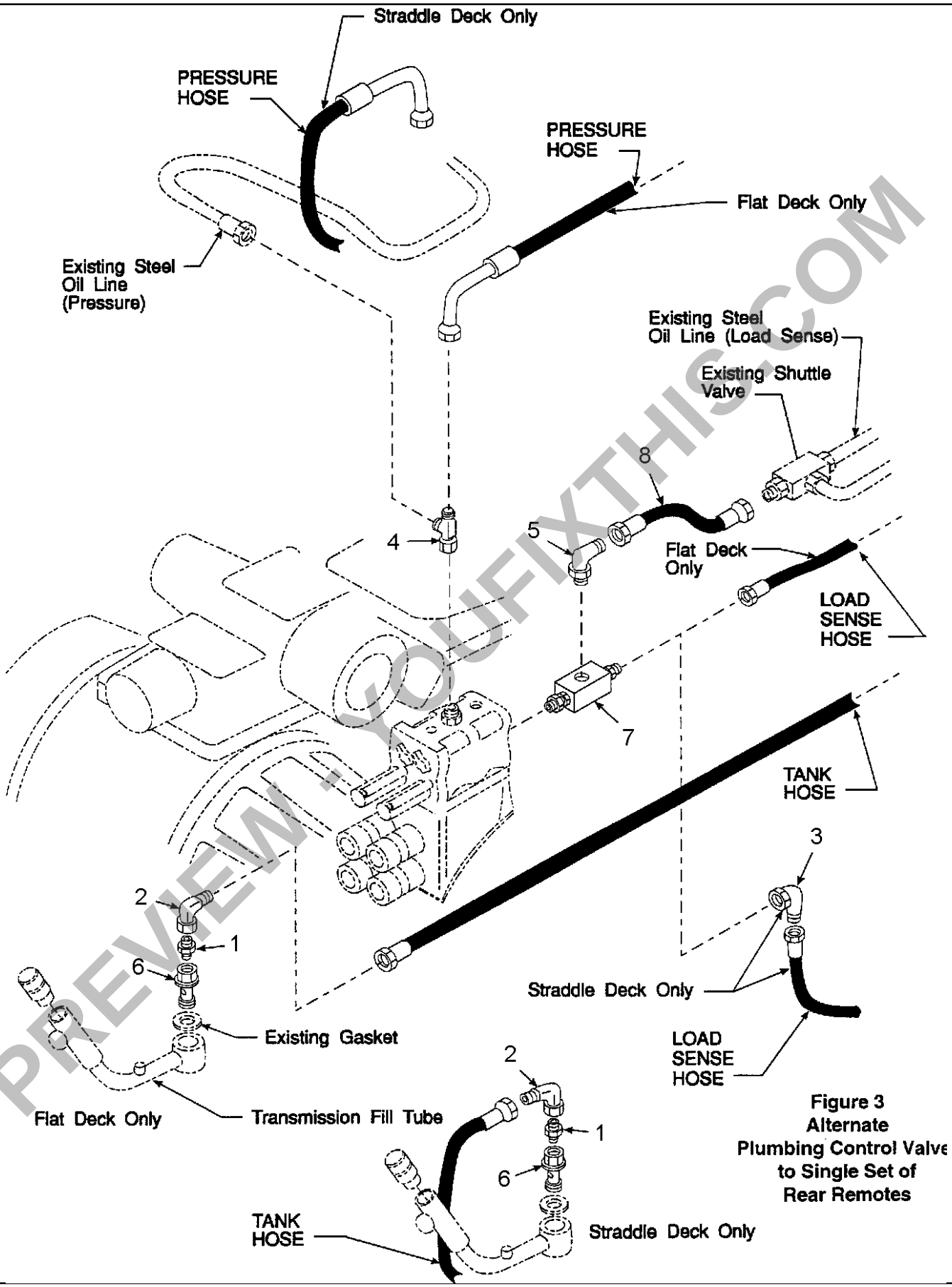

Figure 3
Alternate
Plumbing Control Valve
to Single Set of
Rear Remotes

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7511 FARM LOADER (2/98-)

029 CONTROL VALVE PLUMBING TO DUAL SET OF REAR REMOTES - 715808002

Ref	Part Number	Qty	Description
1	SML40639	1	Fitting, Tank Port, Rear Axle
2	325059	1	Connector, Male, 7/8"-14, Flare x 7/8"-14, W/O-Ring
3	SML40777	1	Valve, Shuttle
4	SML407761	1	Hose, 1/4x16"
5	182977	1	Fitting, Elbow, 7/8-14 JIC Swivel x 7/8-14 JIC x 90 Degree
6	86512933	1	Elbow, 7/16"-20 x 7/16"-20 Flare x 90°
7	SML41315	1	Tube Assembly
8	SML413031	1	Hose, 5/8x20"
9	SML406551	1	Fitting, Run Tee, 1-14x1-14x1-14 Face Seal
10	9840541	1	Elbow, 7/16-20 O-Ring x 9/16-18 Face Seal

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