



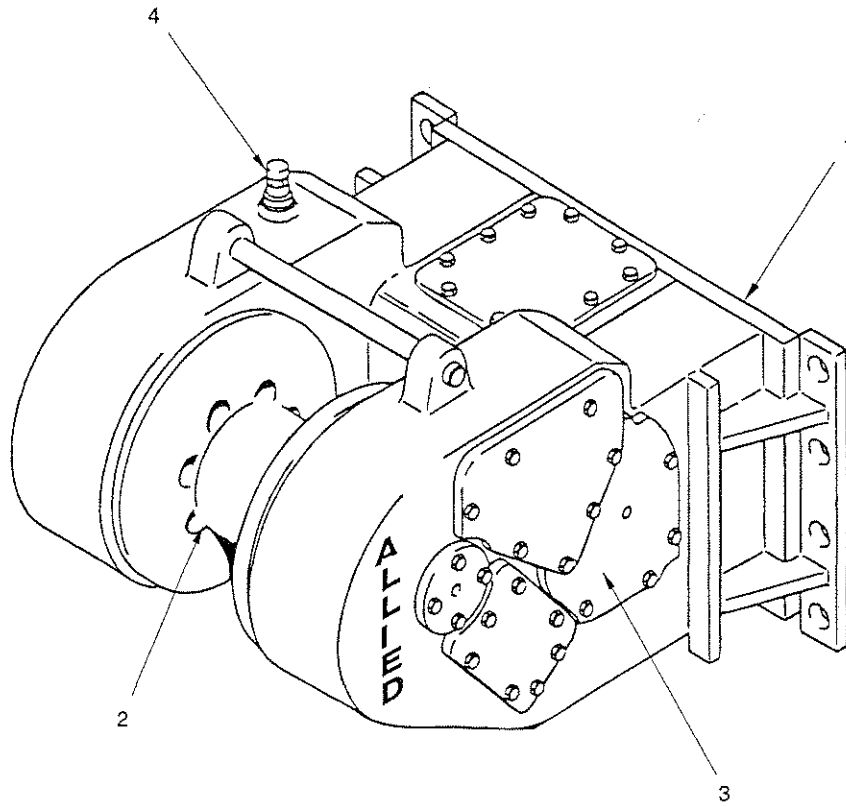
PARTS MANUAL

W5B
WINCH

A PRODUCT OF
Allied Systems
COMPANY
SHERWOOD, OREGON USA

CUSTOMER EDITION

Index-Illustrated



0A01

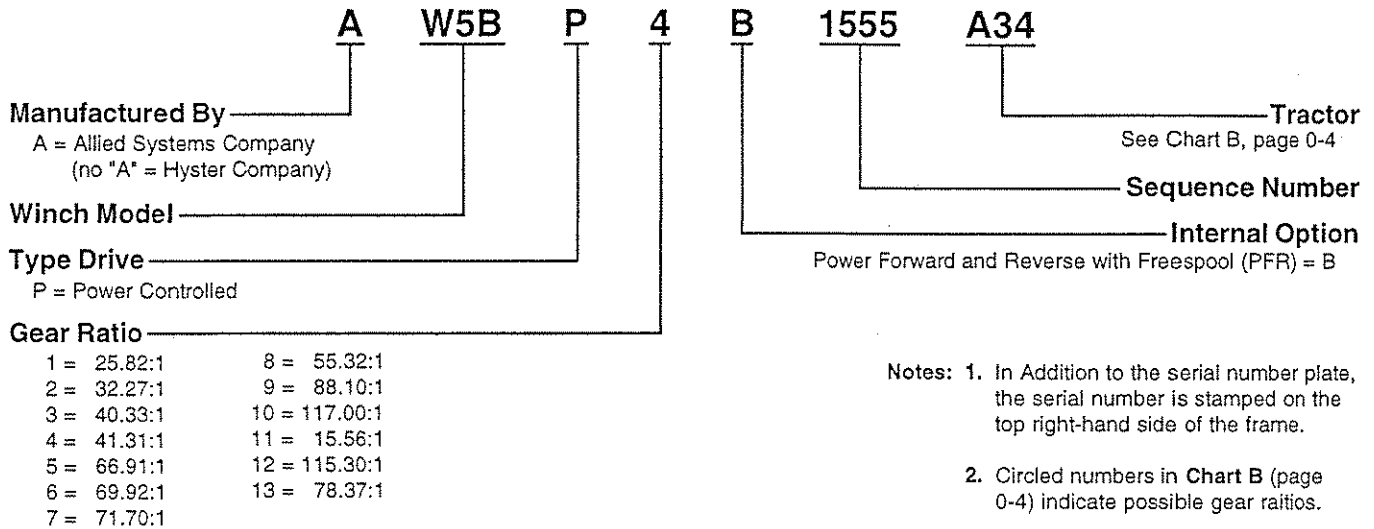
Ref	Item	Page
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Index-Master

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Identification-Unit

Allied Winch S/N Nameplate Data For Tractor Mountings



- Notes:**
1. In Addition to the serial number plate, the serial number is stamped on the top right-hand side of the frame.
 2. Circled numbers in **Chart B** (page 0-4) indicate possible gear raitios.
 3. **Chart A** indicates the pump rotation, conter clockwise (CCW) or clockwise (CW). Pump rotation affects hydraulic plumbing.

Chart A - Pump Rotation

Tractor	Model	Pump Rotation *
Caterpillar	D4D D4E D4H D5B D5E D5H D6H D5M D6M CHALLENGER 65/75	CCW
Fiat-Hitachi	8B 10C FD9 FL9 FL10C FD10E FL10E	CW
Dresser	TD-12B/C	CCW
John Deere	750/750B 750C	CCW
Komatsu	D41A/P D41E-6 D45	CW
Komatsu	D53 D58 D63	CCW
Case	1150D/E	CW

* Determined by viewing from the rear of the tractor. (Standing behind the winch looking forward.)

Chart B - Tractor Identification and Gear Ratio

Tractor Make Model and Starting Tractor Serial Number Where Applicable						
C O D E	A Fiat-Hitachi	C Caterpillar	E John Deere	H Dresser	K Komatsu	R Case
27					D41E-6 ⑥ ⑧	
29		D6M PS ② ⑤ ⑩				
30		D5M PS ② ⑤ ⑩				
32			JD 750/750B w/ Cab ② ⑤ ⑩		D41A/P ⑥ ⑧	
34	8B FD9 FL9 ④ ⑦	D4D D4E *a ① ③	JD 750/750B w/o Cab ② ⑤ ⑩		D45 ④	
35	10C FL10C ④ ⑦	D5E ② ⑩		TD-12B/C ② ⑩	D41A-3 ⑥ ⑧	1150D 1150E ② ⑬
36					D53 D58 D63 ⑧ ⑦	
360		D4H PS I/II ② ⑤ ⑩				
361		D4H DD ② ⑤ ⑩				
362		D4H PS III/XL/LGP ② ⑤ ⑩				
370		D5H PS ② ⑤ ⑩				
371		D5H DD ② ⑤ ⑩				
380		D6H w/ Young Grapple ⑦ ⑫				
381		D6H w/ Esco Grapple ⑦ ⑫				
39	FL10E FD10E ④ ⑦					
390		Challenger 65/75 ⑦ ⑫				
45			750C ② ⑤ ⑩			

*a D4BP 83J3553 & up, 47H1786 & up, 59J2553 & up, 7R926 & up.
All 28X, 51X, 52X, 69X, 71X & 77W

How to use the Illustrated Parts manual

5-3
Index-Numerical

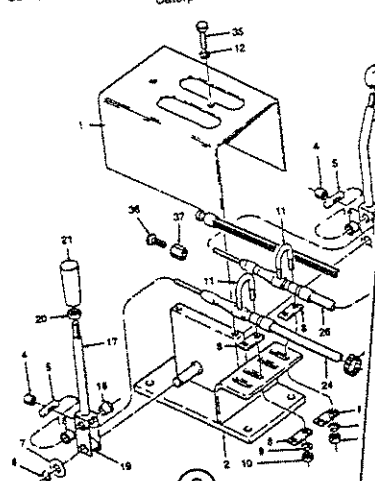
Part No.	Page	Item	Description	Part No.	Page	Item
15005W	3-24	18	NUT	15150W	3-4	
15006W	3-21	15	NUT	15151W	3-6	
15007W	3-22	15	NUT	15152W	3-7	
15008W	3-23	15	NUT	15153W	3-9	
15009W	3-24	9	NUT-JAM	15154W	3-10	
15010W	3-4	25	NUT-JAM	15155W	3-11	
15011W	3-5	8	NUT-JAM	15156W	3-16	
15012W	3-5	25	NUT-JAM	15157W	2-16	
15013W	3-7	8	NUT-JAM	15158W	1-2	
15014W	3-8	18	NUT-JAM	15159W	2-12	
15015W	3-9	14	NUT-JAM	15160W	2-12	
15016W	3-10	20	NUT-JAM	15161W	2-15	
15017W	3-11	11	NUT-JAM	15162W	2-16	
15018W	3-12	20	NUT-JAM	15163W	3-3	
15019W	3-19	28	NUT	15164W	3-7	
15020W	3-19	2	NUT	15165W	3-8	
15021W	3-2	2	NUT	15166W	3-1	
15022W	3-8	15	NUT	15167W	3-1	
15023W	3-8	15	NUT	15168W	3-1	
15024W	3-12	10	NUT	15169W	3-1	
15025W	3-11	8	NUT	15170W	3	
15026W	3-17	8	NUT			
15027W	3-18	8	NUT			
15028W	3-19	20	NUT			
15029W	3-19	24	NUT			
15030W	3-11	18	NUT			

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Index-Master

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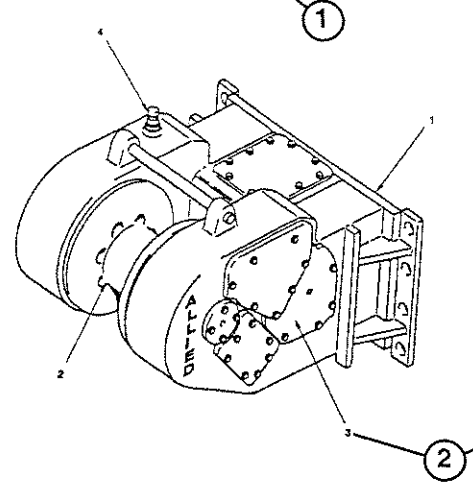
3-12
Gear-Handling

Caterpillar D4H, D5H, D5M and D6M with Escro Grapple Before Grap
Caterpillar D6H with Young Grapple



Item	Part No.	Description	A	B	Item
1	33282W	Cover	1	1	23
2	38119W	Bracket	1	1	24
2	33282W	Bracket	2	2	25
4	230148W	Nut-Tail	2	2	26
4	194129W	Pin	2	2	26
5	19023W	Ring-Strip	2	2	27
6	15153W	Washer-Flat	4	4	28
7	198130W	Spline	4	4	29
8	15153W	Lockwasher	4	4	30
9	15055W	Nut	2	2	31
10	194129W	U-Bolt	2	2	32
11	15153W	Lockwasher	1	1	33
12	278037W	Lever	2	2	34
13	196146W	Bushing	1	1	35
14	278040W	Bushing	1	1	36
15	243189W	Knob	1	1	37
16	278036W	Lever	2	2	38
17	196144W	Bushing	1	1	39
18	278042W	Bushing	1	1	40
19	15039W	Nut-Jam	1	1	41
20	196409W	Knob	1	1	42

0-1
Index-Illustrated



Ref	Item	Page
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W5B

Allied Systems COMPANY

11/97

When the part number and the next higher assembly is not known:

1. Use: Determine the function and application of the part required. Turn to the illustrated index page immediately behind the front cover, and select the most appropriate area.
2. Line up the black arrow containing the appropriate reference number, with the black tab on the division index page with the same reference number. Use the division index to determine the assembly which would normally contain the part required. Proceed then to locate the part on the assembly breakdown page.

When the part number is not known and the next higher assembly is known:

3. Determine the assembly the required part is used on. Turn to the master index immediately following the illustrated index.
4. Locate the assembly on which the required part is used, and turn to the page indicated for that assembly. Proceed then to locate the part on the assembly breakdown page.

When the part number is known:

5. Use the numerical index to find the part number. Turn to the page listed and locate the part as indicated by the reference number.

General:

The assembly breakdowns include part numbers, descriptions, quantities required, keys and footnotes to help in selecting the correct parts.

6. Keys are used to show effective serial numbers for two or more similar assemblies, LH and RH assembly parts, etc. Select the appropriate key, "A", "B", "C", or "D" and the corresponding quantity column to find the required parts.
7. Indent dots are used to indicate assemblies and sub-parts of assemblies. No dot indicates the major assembly. Part descriptions which are indented with dots are sub-parts of the major assembly shown above.
8. Quantities shown are for one assembly. Note that when two assemblies are shown, but the quantity of the sub-parts is indicated as three, this means three per assembly - for a total of six. A/R means As Required, and NSS indicates Not Sold Separately.
9. Serial numbers are shown to allow for the most current parts information to be incorporated into the parts manual. Contact your local winch dealer for serial number information.

Ordering Parts:

When ordering replacement parts, give the unit serial number, part number, name of part and quantity required.

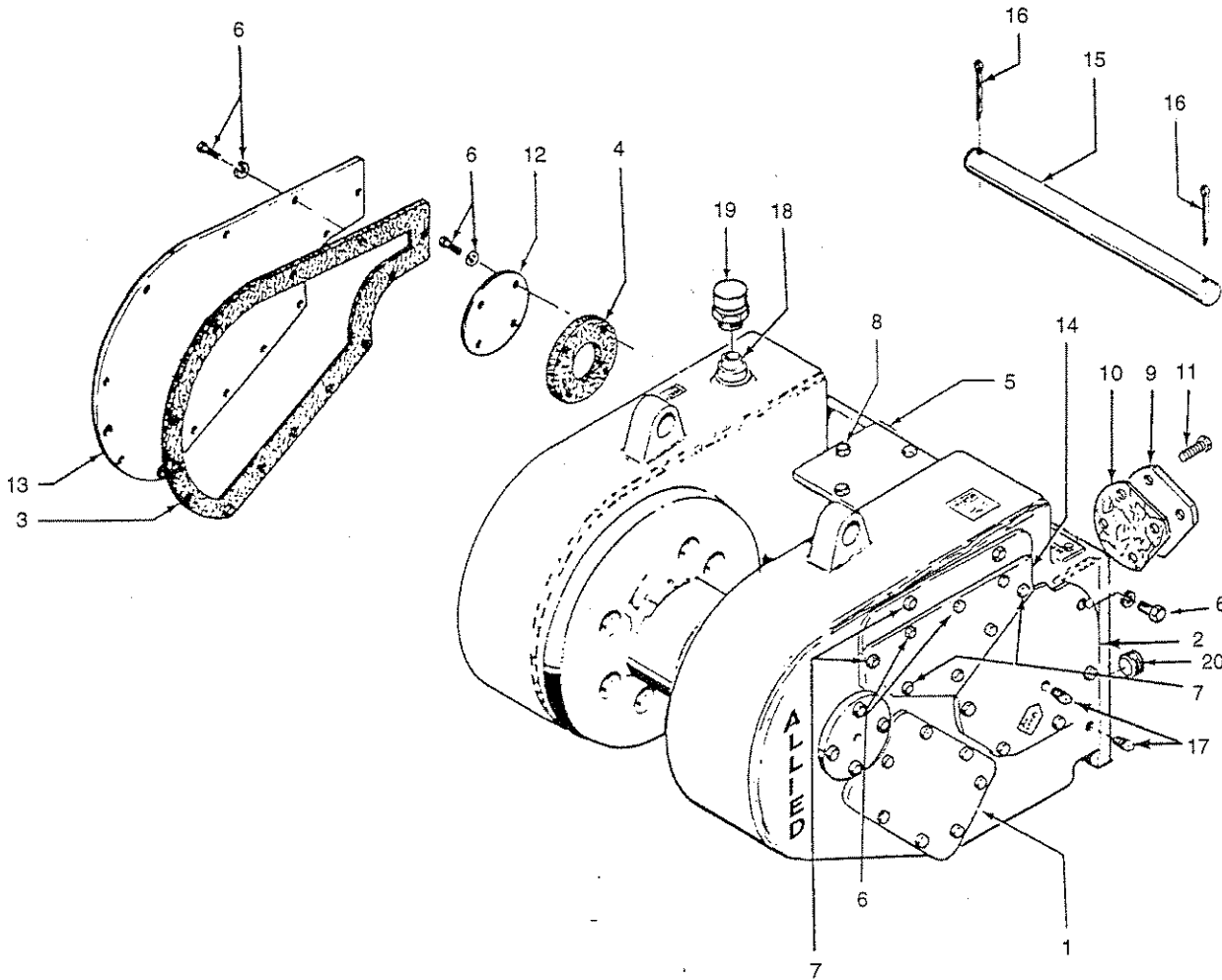
For any further information on parts, service or ordering, consult your local winch dealer.



Frame/Covers/Decals/Parts-Mounting

Decals	1-3
Frame/Covers	1-2
Parts Mounting	1-4 thru 1-10

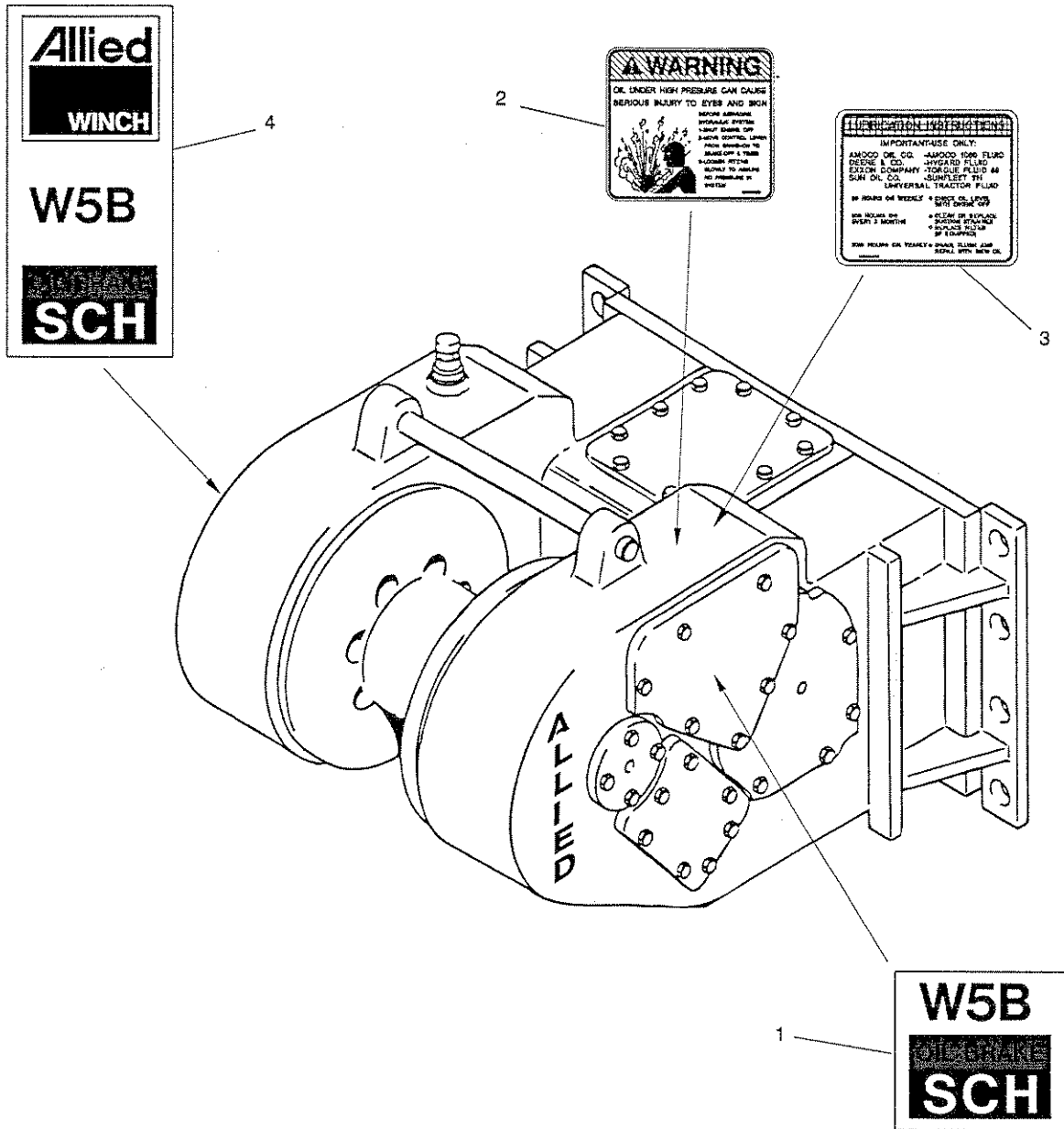
Frame/Covers



1A01

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	*a 219194W	Gasket	1	11	295752W	Capscrew	4
1	219188W	Cover	1	12	316702W	Cover-Strainer	1
2	*a 219193W	Gasket	1	13	299010W	Cover	1
2	253934W	Cover	1	14	*a 257796W	Gasket	1
3	*a 299012W	Gasket	1	14	257794W	Cover	1
4	*a 316705W	Gasket-Strainer	1	15	93927W	Rod-Tie	1
5	*a 316707W	Gasket	1	16	15256W	Pin-Cotter	2
5	*d*e 316706W	Cover-Top	1	17	15303W	Fitting	2
5	*b 316709W	Cover-Top	1	18	300629W	Fitting	1
6	178403W	Capscrew	29	19	21420W	Plate-Breather	1
6	15158W	Lockwasher	29	20	*c*d 16923W	Fitting	1
7	182209W	Capscrew	6				
7	15158W	Lockwasher	6	*a	Included In Gasket Kit 299017W		
8	179443W	Capscrew	10	*b	Komatsu		
8	15156W	Lockwasher	10	*c	Fiat Hitachi FL10E FD10E		
9	294944W	Cover	1	*d	Caterpillar D6H With Grapple		
10	*a 294945W	Gasket	1	*e	John Deere, Dresser, Fiat Allis, J I Case,		

1-3
Decals



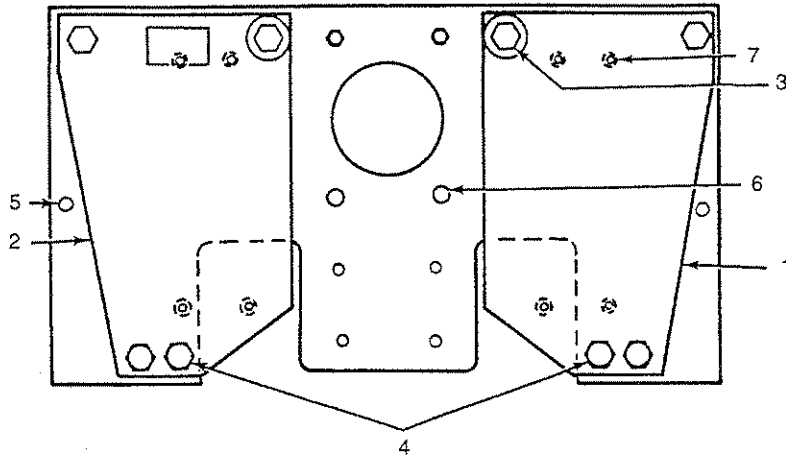
1A02

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	2300004W	Decal-W5B RH	1	3	1321666W	Decal-Lubrication	1
2	1321665W	Decal-Warning	1	4	2300510W	Decal-Winch Model	1

1-4

Parts-Mounting

Caterpillar D5B

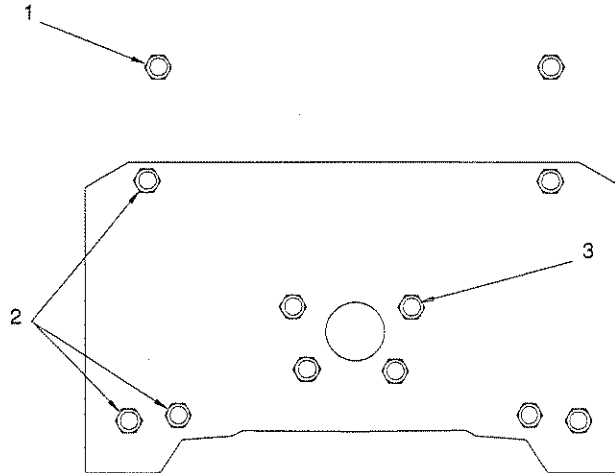


1A03

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	304393W	Bracket-RH	1	5	18005W	Plug	2
2	304194W	Bracket-LH	1	6	18004W	Plug	8
3	*a 164857W	Capscrew	2	7	221692W	Capscrew	8
4	*a 221694W	Capscrew	6				
4	15166W	Lockwasher	6				
				*a	Use 230064W Primer/Adhesive Kit		

Parts-Mounting

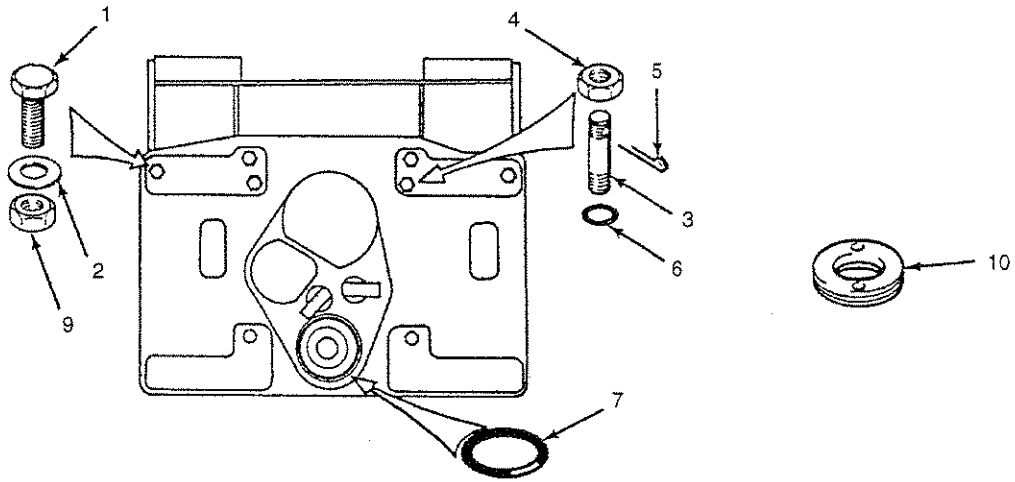
Caterpillar D4D D4E



1A04

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	*a 230774W	Stud	2	1	237979W	Spacer	2
1	221719W	Nut	6	2	*a 230774W	Stud	6
1	15154W	Lockwasher	2	2	53156W	Locknut	6
1	250833W	Shim, .005	A/R	2	15164W	Lockwasher	6
1	250834W	Shim, .020	A/R	3	18000W	Plug	4
1	250835W	Shim, .062	A/R				
				*a	Use 230064W Primer/Adhesive Kit		

Parts-Mounting
Caterpillar D6H with Grapple

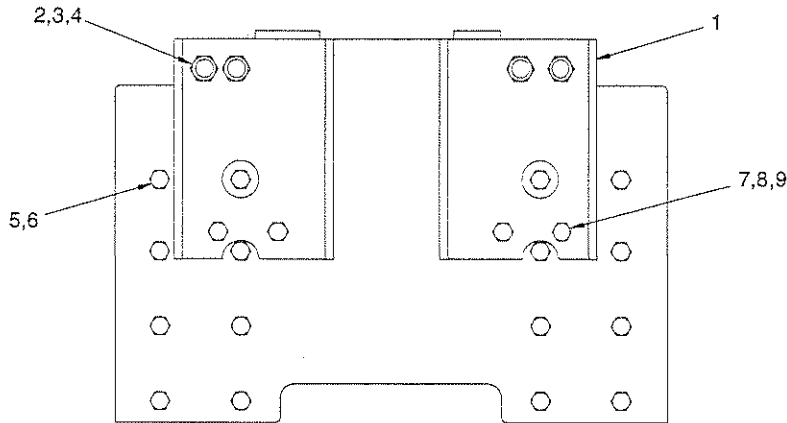


1A05

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty		
1	*a*b	221695W	Capscrew	4	9	*g	15110W	Locknut	8
1	*a*c	221702W	Capscrew	4	10	*g	388633W	Tool-Pilot	1
2		221780W	Washer-Flat	4					
2	*g	221780W	Washer-Flat	8					
3	*d*f	383875W	Stud	2					
3	*a*e*g	221702W	Capscrew	16					
4	*f	17181W	Nut-Castle	2					
5	*f	15244W	Pin-Cotter	2					
6	*f	61056W	O-Ring	2					
7		15887W	O-Ring	1					
9	*c	221721W	Nut	4					

- *a Use 230064W Primer/Adhesive Kit
- *b With Esco Grapple
- *c With Young Grapple
- *d Use with Adhesive 313022W
- *e Use with Adhesive 350830W
- *f Last Used on Esco Grapple S/N HV-9458
- *g First Used on Esco Grapple S/N HV-9459

Parts-Mounting
Caterpillar Challenger 65/75



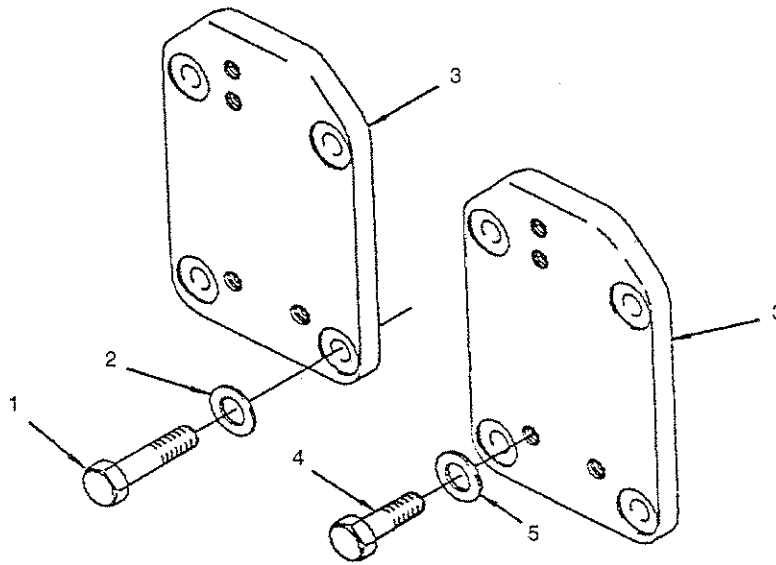
1A06

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty		
1	2301404W	Mounting Adaptor	1	6	296434W	Washer	8		
2	17457W	Locknut	4	7	221780W	Washer	4		
3	15137W	Washer	4	8	221720W	Nut	4		
4	*a	388654W	Stud	4	9	*a	221694W	Capscrew	4
5	*a	1308451W	Capscrew	8					

- *a Use 230064W Primer/Adhesive Kit

Parts-Mounting

Komatsu D45A

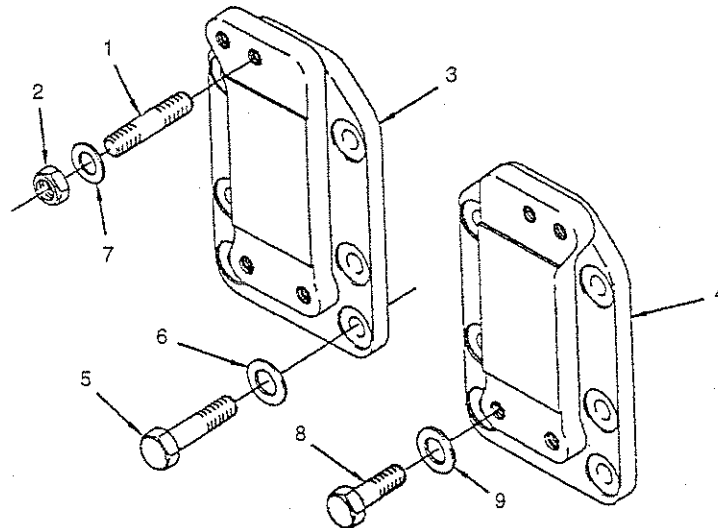


1A07

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	*a 280980W	Capscrew	8	5	15166W	Lockwasher	8
2	292689W	Lockwasher	8	6	18004W	Plug (Not Illustrated)	4
3	298597W	Bracket	2				
4	*a 221694W	Capscrew	8	*a	Use 230064W Primer/Adhesive Kit		

Parts-Mounting

Komatsu D41 D53 D58 and D63

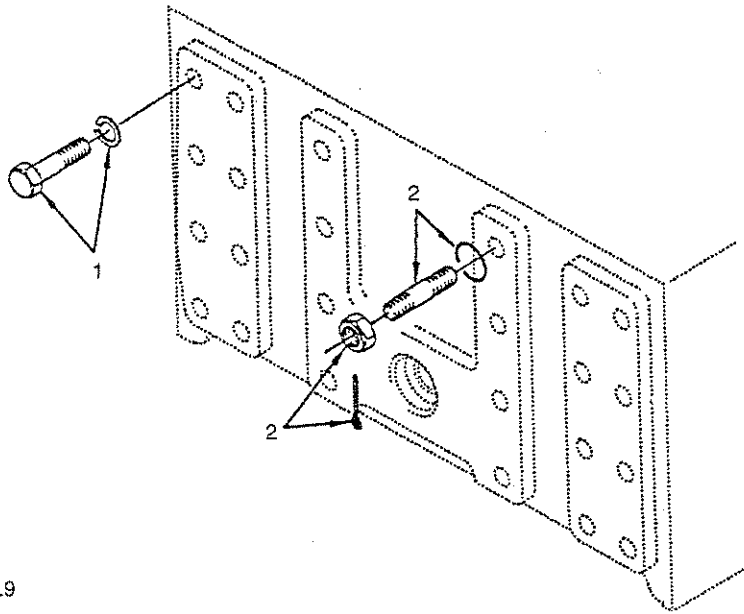


1A08

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	*a 388654W	Stud	4	7	15137W	Washer	4
2	*c 17457W	Locknut	4	8	221694W	Capscrew	4
2	*b 221360W	Locknut	4	9	221780W	Washer	4
3	1308423W	Bracket-LH	1				
4	1308424W	Bracket-RH	1	*a	Use 230064W Primer/Adhesive Kit		
5	*a 1308451W	Capscrew	12	*b	D41 Only		
6	296434W	Washer	12	*c	D53, D58, D63 Only		

Parts-Mounting

Fiat-Hitachi



1A09

A - Fiat-Hitachi 8B FD9 and FL9

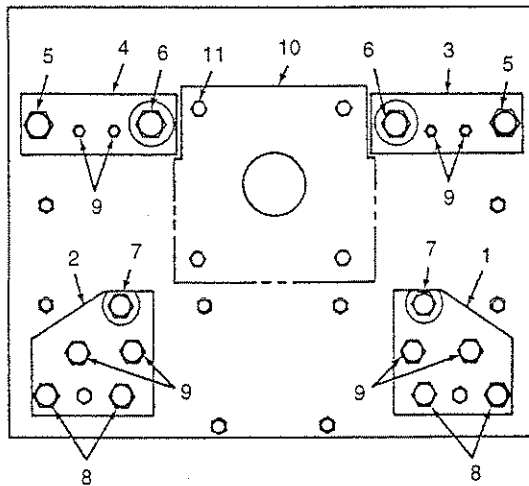
B - Fiat-Hitachi 10C and 10E

Item	Part No.	Description	A	B	Item	Part No.	Description	A	B
1	*a 313167W	Capscrew	4	--	2	303932W	Pin	--	2
1	292687W	Lockwasher	4	--	2	15248W	Pin-Cotter	2	--
1	*a 297930W	Capscrew	--	4	2	249289W	Nut	2	2
1	292689W	Washer	--	4	2	61056W	O-Ring	2	2
2	*a 313168W	Stud	2	--					
2	*a 300639W	Stud	--	2					

*a Use 230064W Primer/Adhesive Kit

Parts-Mounting

John Deere 750 750B and 750C



1A10

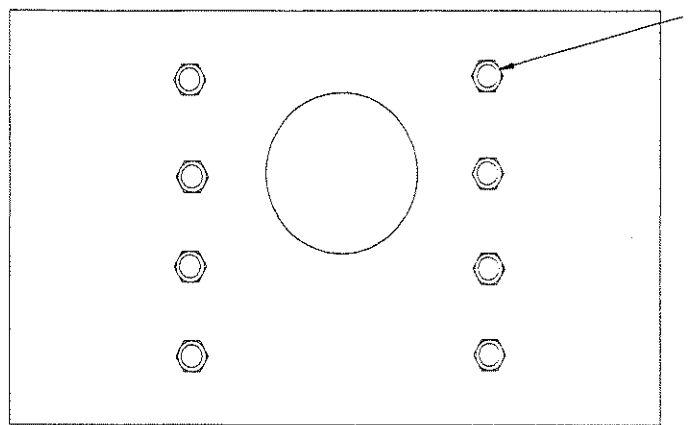
Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	320233W	Spacer-RH	1	7	221780W	Washer	2
2	320234W	Spacer-LH	1	8	221698W	Capscrew	4
3	320235W	Spacer-RH	1	8	221780W	Washer	4
4	320236W	Spacer-LH	1	9	221694W	Capscrew	8
5	2300478W	Capscrew	2	9	221780W	Washer	8
5	15128W	Washer	2	10	*a 339482W	Cover, Guard	1
6	248321W	Capscrew	2	11	*a 18600W	Capscrew	4
6	15128W	Washer	2	11	*a 15160W	Lockwasher	4
7	221680W	Capscrew	2				

*a Used on 750 and 750B only

1-8

Parts-Mounting

Dresser

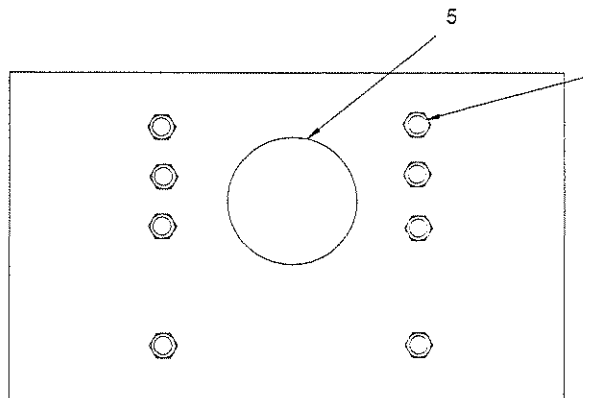


1A11

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	*a	225071W	Stud	8	*a	Use 230064W Primer/Adhesive Kit	
1	*a	221371W	Locknut	8			

Parts-Mounting

Case

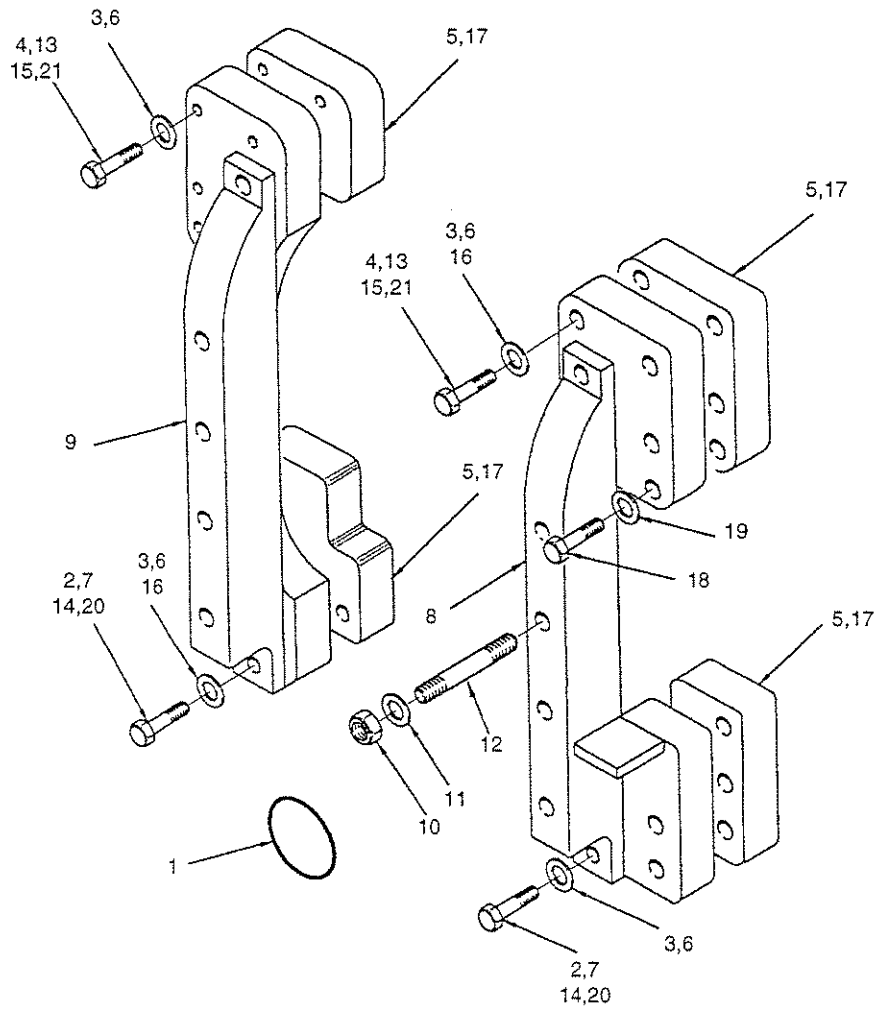


1A13

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty	
1	*a	221701W	Capscrew	8	5	46386W	O-Ring	1
1		221780W	Washer, Hardened	8	6	1308487W	Guard (Not Illustrated)	1
2		18588W	Capscrew (Not Illustrated)	4				
3		15158W	Lockwasher (Not Illustrated)	4	*a	Use 230064W Primer/Adhesive Kit		
4		15135W	Washer (Not Illustrated)	4				

Parts-Mounting

Caterpillar D4H D5H D5M and D6M



1A12

- A - D4H PS Series I/II
- B - D5H PS, D4H PS Series III/XL/LGP
- C - D4H DD
- D - D5H DD
- E - D5M/D6M

Item	Part No.	Description	A	B	C	D	E	Item	Part No.	Description	A	B	C	D	E
1	15887W	O-Ring	1	1	1	1	1	13	221666W	CapscREW	--	12	--	--	--
2	21664W	CapscREW	4	--	--	--	--	14	230682W	CapscREW	--	--	4	4	--
3	221777W	Washer	14	--	--	--	16	15	230681W	CapscREW	--	--	10	10	--
4	221659W	CapscREW	10	--	--	--	--	16	221777W	Washer	--	--	14	14	--
5	374820W	Spacer	--	4	--	--	4	17	383179W	Spacer	--	--	4	4	--
6	221777W	Washer	--	16	--	--	--	18	230681W	Washer	--	--	--	2	--
7	221668W	CapscREW	--	4	--	--	--	19	221777W	Washer	--	--	--	2	--
8	377721W	Bracket-RH	1	1	1	1	1	20	293716W	CapscREW	--	--	--	--	4
9	377722W	Bracket-LH	1	1	1	1	1	21	293714W	CapscREW	--	--	--	--	12
10	221723W	Nut	8	8	8	8	8								
11	15137W	Washer	8	8	8	8	8								
12	*a 198930W	Stud	8	8	8	8	8								

*a Use 230064W Adhesive Kit

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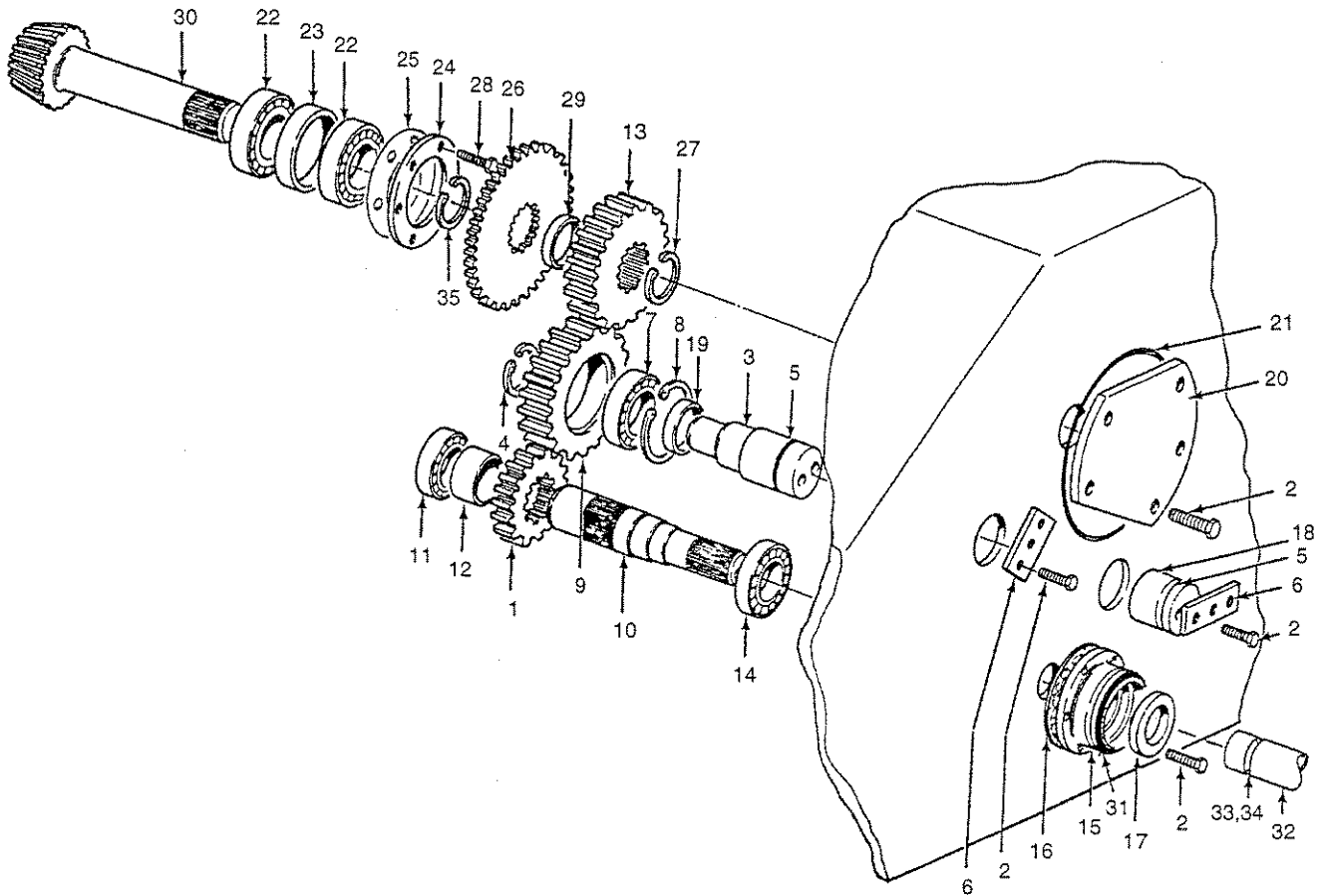
Train-Gear/Shaft

Brake	2-15
Gear/Clutch	2-14
Shaft-Bevel Gear	2-13
Shaft-Drum	2-16
Shaft-Intermediate Gear	2-17
Shaft-PTO	2-2 thru 2-12
Shaft-Universal	2-18 thru 2-20



Shaft-PTO

Fiat-Hitachi



2401

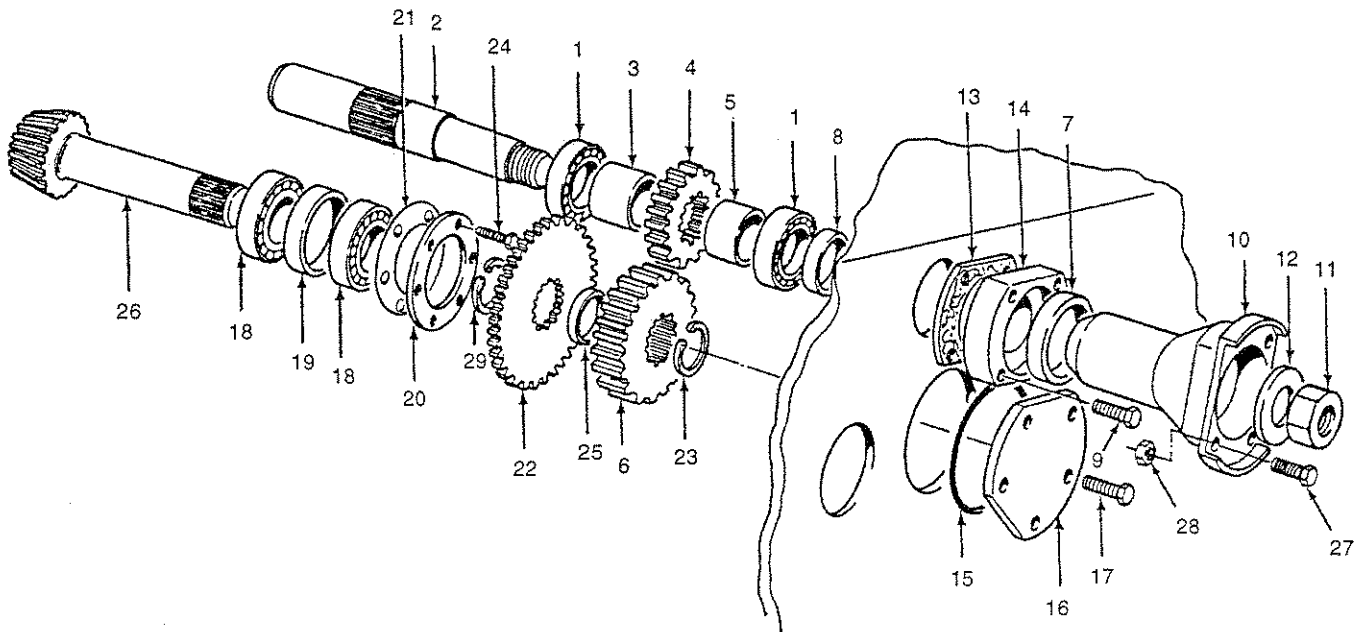
A - 41.3:1 Gear Ratio
 B - 71.1:1 Gear Ratio

Item	Part No.	Description	A	B	Item	Part No.	Description	A	B
1	295773W	Gear	1	--	20	294936W	Carrier	1	1
1	294929W	Gear	--	1	21	15893W	O-Ring	1	1
2	295752W	Capscrew	15	15	22	41309W	Bearing	2	2
3	294940W	Shaft	1	1	23	295751W	Spacer	1	1
4	58939W	Ring-Snap	1	1	24	295753W	Plate-Bearing	1	1
5	39387W	O-Ring	2	2	25	295758W	Shim-.020	A/R	A/R
6	294938W	Keeper	2	2	25	295757W	Shim-.007	A/R	A/R
7	295754W	Bearing	1	--	25	295756W	Shim-.005	A/R	A/R
7	44309W	Bearing	--	2	26	294931W	Gear	1	1
8	57542W	Ring-Snap	1	--	27	58941W	Ring-Snap	1	1
8	58938W	Ring-Snap	--	1	28	179443W	Capscrew	6	6
9	308404W	Gear	1	--	29	295750W	Spacer	1	1
9	313174W	Gear	--	1	30	342437W	Set-Pinion/Gear	1	1
10	321258W	Shaft	1	1	30	*c 2300047W	Set-Pinion/Gear	1	1
11	43207W	Bearing	1	1	31	15880W	O-Ring	1	1
12	294933W	Spacer	1	1	32	*a 299004W	Coupler	1	1
13	295768W	Gear	1	--	32	*b 295766W	Coupler	1	1
13	295769W	Gear	--	1	33	19928W	Pin	1	1
14	43208W	Bearing	1	1	34	250484W	Ring-Snap	1	1
15	294939W	Carrier	1	1	35	*c 2300046W	Ring-Snap	1	1
16	294941W	Gasket	1	1					
17	225502W	Seal-Oil	1	1					
18	308405W	Plug	1	1					
19	313875W	Spacer	1	--					

*a Fiat-Hitachi 8B FD9 and FL9
 *b Fiat-Hitachi 10C FD10E and FD10E
 *c First used on AW5B-1078

Shaft-PTO

Komatsu D41 and D45

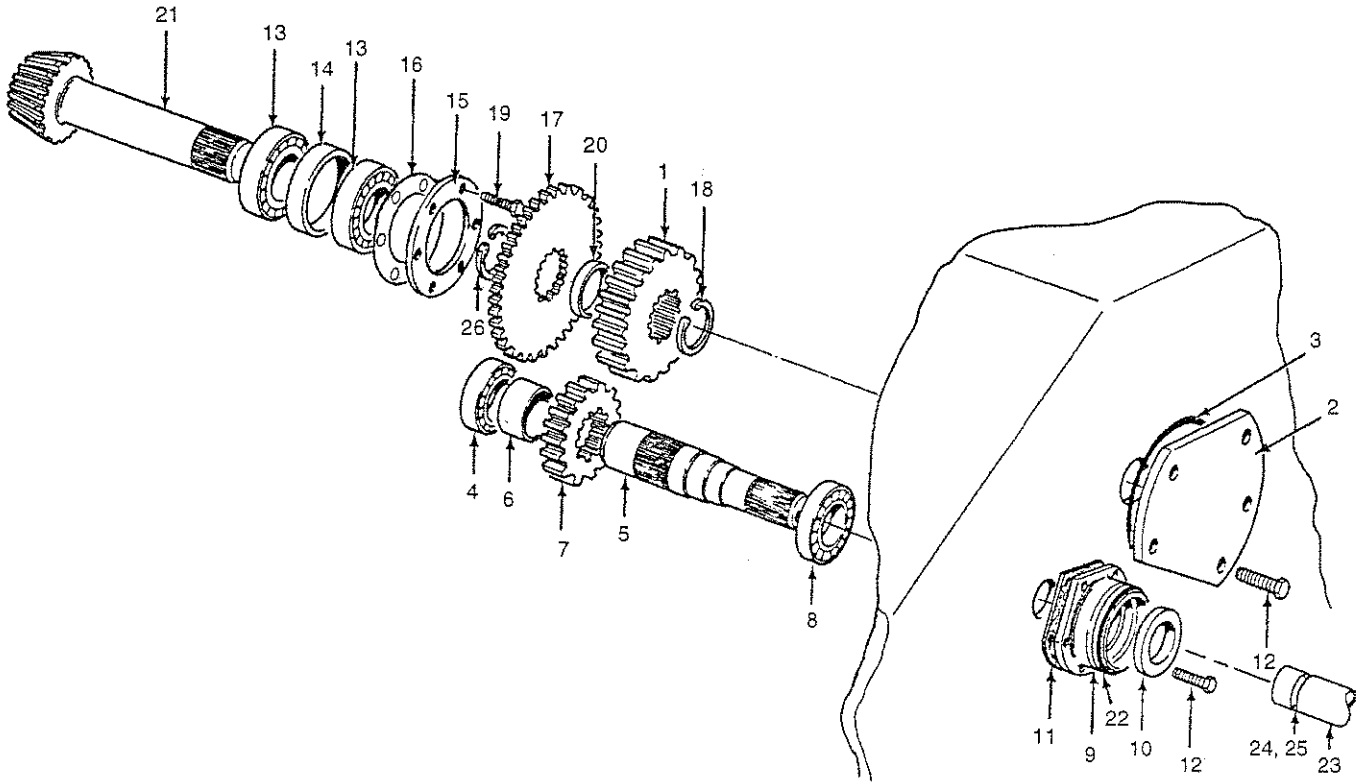


2A02

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	44307W	Bearing	2	18	41309W	Bearing	2
2	298575W	Shaft	1	19	295751W	Spacer	1
3	294933W	Spacer	1	20	295753W	Plate-Bearing	1
4	*a 295773W	Gear	1	21	295758W	Shim-.020	A/R
4	*b 332229W	Gear	1	21	295757W	Shim-.007	A/R
4	*c 294929W	Gear	1	21	295756W	Shim-.005	A/R
5	296854W	Spacer	1	22	294931W	Gear	1
6	*a 295768W	Gear	1	23	58941W	Ring-Snap	1
6	*b 298591W	Gear	1	24	179443W	Capscrew	6
6	*c 369516W	Gear	1	25	295750W	Spacer	2
7	77692W	Seal-Oil	1	26	342437W	Set-Pinion/Gear	1
8	342437W	Set-Pinion/Gear	1	26	*d 2300047W	Set-Pinion/Gear	1
9	252928W	Capscrew	4	27	221475W	Capscrew	4
10	112334W	Yoke	1	28	221351W	Nut	4
11	248320W	Locknut	1	29	*d 2300046W	Ring-Snap	1
12	267006W	Washer	1				
13	296852W	Gasket	1				
14	296851W	Carrier	1				
15	15893W	O-Ring	1				
16	294936W	Carrier	1				
17	295752W	Capscrew	5				
					*a	Komatsu D45	
					*b	Komatsu D41 55.3:1 Gear Ratio	
					*c	Komatsu D41 69.9:1 Gear Ratio	
					*d	First Used on AW5B-1078	

Shaft-PTO

Caterpillar D4D and D4E

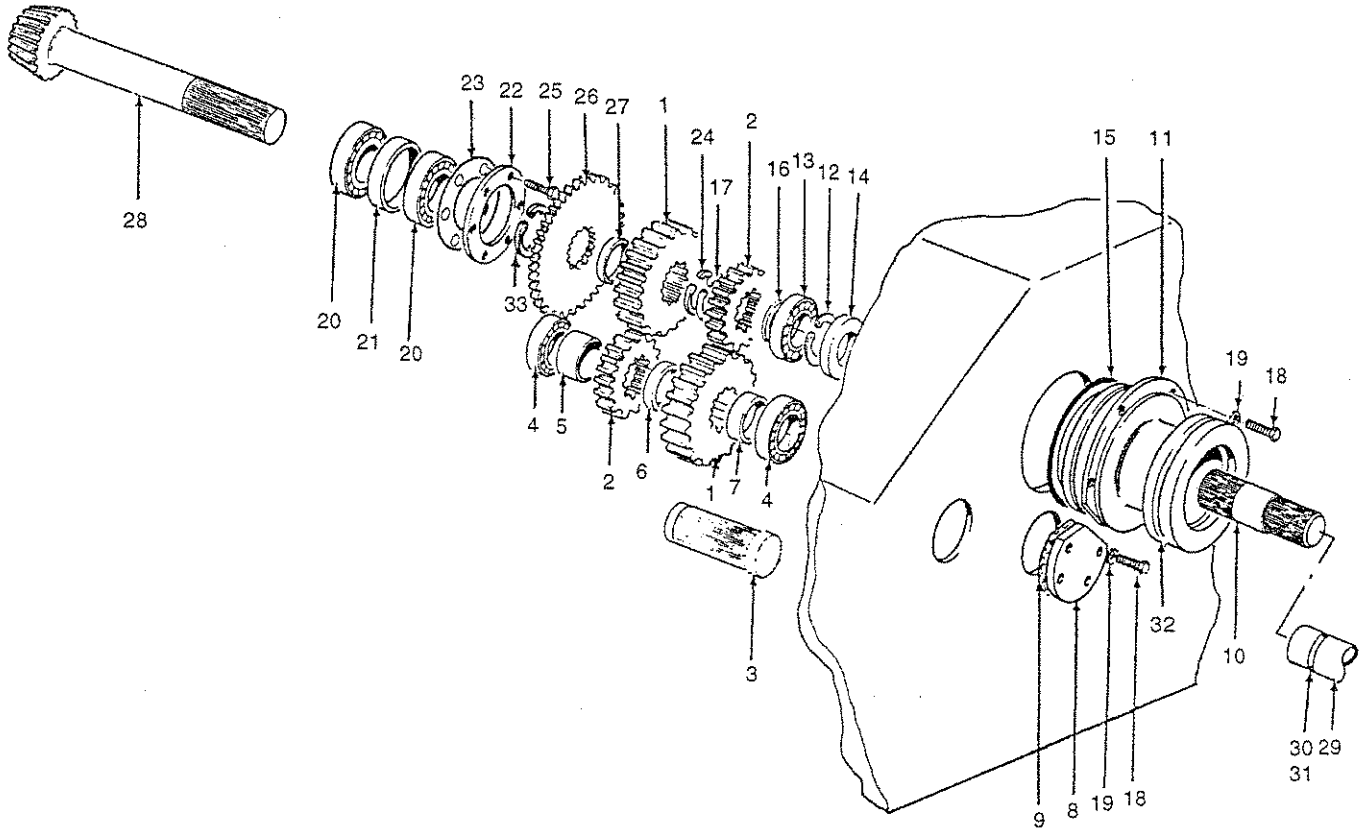


2A03

Item		Description	Qty	Item	Part No.	Description	Qty	
1	*a	295768W	1	16	295757W	Shim-.007	A/R	
1	*b	295769W	1	16	295756W	Shim-.005	A/R	
2		294936W	1	17	294931W	Gear	1	
3		15893W	1	18	58941W	Ring-Snap	1	
4		43207W	1	19	179443W	Capscrew	6	
5		321258W	1	20	295750W	Spacer	2	
6		294933W	1	21	342437W	Set-Pinion/Gear	1	
7	*a	295769W	1	21	*c	2300047W	Set-Pinion/Gear	1
7	*b	295768W	1	22	55468W	O-Ring	1	
8		43208W	1	23	299002W	Shaft-PTO	1	
9		296850W	1	24	9563W	Pin	1	
10		225502W	1	25	250484W	Ring-Snap	1	
11		298580W	1	26	*c	2300046W	Ring-Snap	1
12		295752W	9					
13		41309W	2					
14		295751W	1		*a	25.82:1 Gear Ratio		
15		295753W	1		*b	40.33:1 Gear Ratio		
16		295758W	A/R		*c	First Used on AW5B-1078		

Shaft-PTO

John Deere with 66.9:1 and 117:1 Gear Ratio

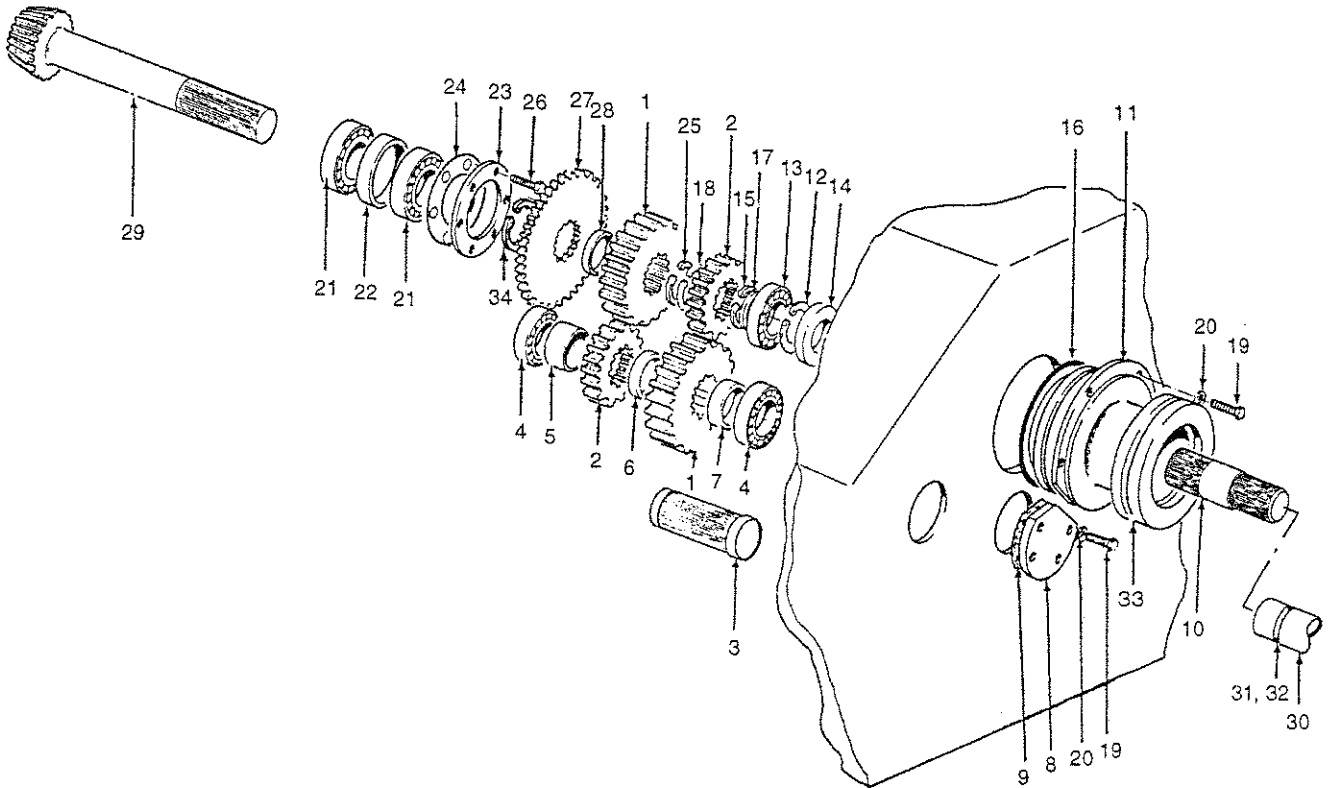


2A04

Item	Description	Qty	Item	Part No.	Description	Qty
1	*a 298591W	2	21	295751W	Spacer	1
1	*b 295769W	2	22	295753W	Plate-Bearing	1
2	*a 295773W	2	23	295758W	Shim-.020	A/R
2	*b 332229W	2	23	295757W	Shim-.007	A/R
3	304395W	1	23	295756W	Shim-.005	A/R
4	43207W	2	24	58941W	Ring-Snap	1
5	294933W	1	25	179443W	Capscrew	6
6	305207W	1	26	*a 294931W	Gear	1
7	305205W	1	26	*b 332247W	Gear	1
8	305203W	1	27	295750W	Spacer	2
9	305204W	1	28	342437W	Set-Pinion/Gear	1
10	320243W	1	28	*c 2300047W	Set-Pinion/Gear	1
11	313165W	1	29	-----	Shaft (See 2-7)	1
12	58955W	1	30	9563W	Pin	1
13	45209W	1	31	9554W	Ring-Lock	1
14	79389W	1	32	90937W	O-Ring	1
15	15893W	1	33	*c 2300046W	Ring-Snap	1
16	295750W	1				
17	58941W	1	*a	66.9:1 Gear Ratio		
18	179443W	9	*b	117:1 Gear Ratio		
19	15156W	9	*c	First Used on S/N AW5B-1078		
20	41309W	2				

Shaft-PTO

Caterpillar D5B D5E and Dresser with 117:1 Gear Ratio



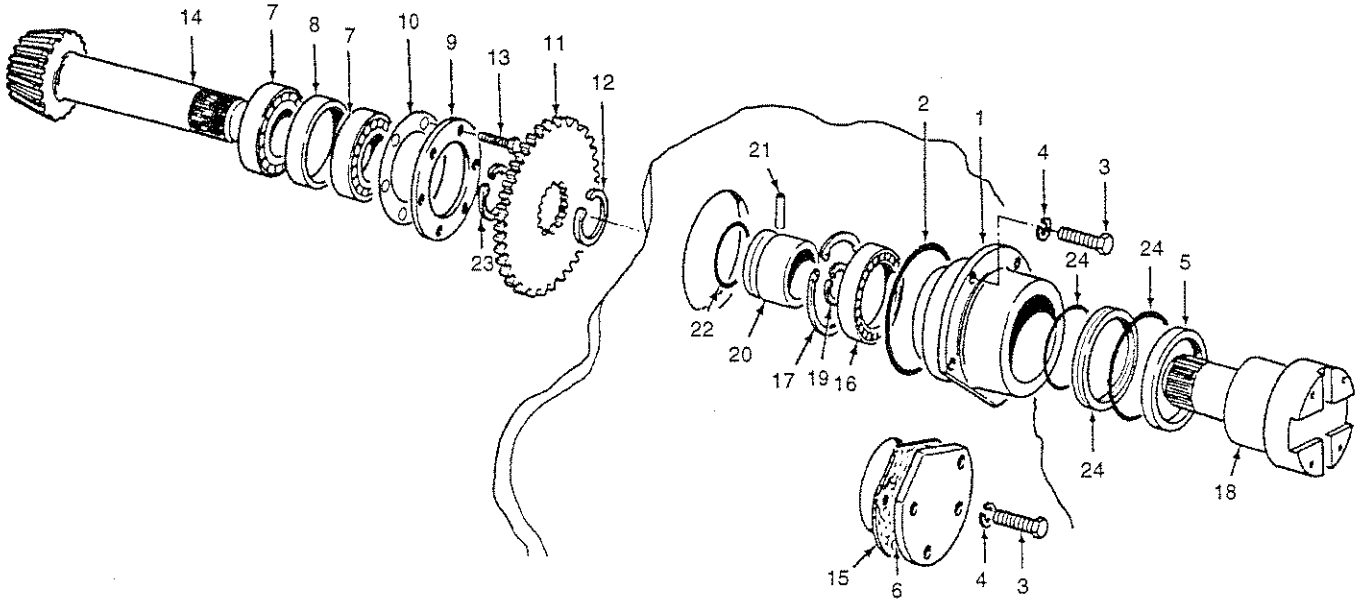
2405

A - Caterpillar
B - Dresser

Item	Part No.	Description	A	B	Item	Part No.	Description	A	B
1	295769W	Gear	2	2	23	295753W	Plate-Bearing	1	1
2	332229W	Gear	2	2	24	295758W	Shim-.020	A/R	A/R
3	304395W	Shaft	1	1	24	295757W	Shim-.007	A/R	A/R
4	43207W	Bearing-Ball	2	2	24	295756W	Shim-.005	A/R	A/R
5	294933W	Spacer	1	1	25	58941W	Ring-Snap	1	1
6	305207W	Spacer	1	1	26	179443W	Capscrew	6	6
7	305205W	Spacer	1	1	27	332247W	Gear	1	1
8	305203W	Cover	1	1	28	295750W	Spacer	1	1
9	305204W	Gasket	1	1	29	342437W	Set-Pinion/Gear	1	1
10	304396W	Shaft-PTO	1	1	29	*c 2300047W	Set-Pinion/Gear	1	1
11	304397W	Carrier-Bearing	1	--	30	*a 305201W	Shaft-PTO	1	--
11	327613W	Carrier-Bearing	--	1	30	*b 305209W	Shaft-PTO	1	--
12	58901W	Ring-Snap	1	1	30	327614W	Shaft-Coupling	--	1
13	45207W	Bearing-Ball	1	1	31	9563W	Pin	1	1
14	129936W	Seal-Oil	1	1	32	9554W	Ring-Lock	1	1
15	58927W	Ring-Snap	1	1	33	90937W	O-Ring	1	1
16	15893W	O-Ring	1	1	33	92482W	O-Ring	--	1
17	305206W	Spacer	1	1	33	327613W	Carrier-Adaptor	--	1
18	58941W	Ring-Snap	1	1	34	*c 2300046W	Ring-Snap	1	1
19	179443W	Capscrew	9	9					
20	15156W	Lockwasher	9	9					
21	41309W	Bearing-Ball	2	2					
22	295751W	Spacer	1	1					
						*a	Caterpillar D5B Power Shift		
						*b	Caterpillar D5B Direct Drive		
						*c	First Used AW5B-1078		

Shaft-PTO

Caterpillar D5B D5E, John Deere and Dresser with 32.27:1 Gear Ratio



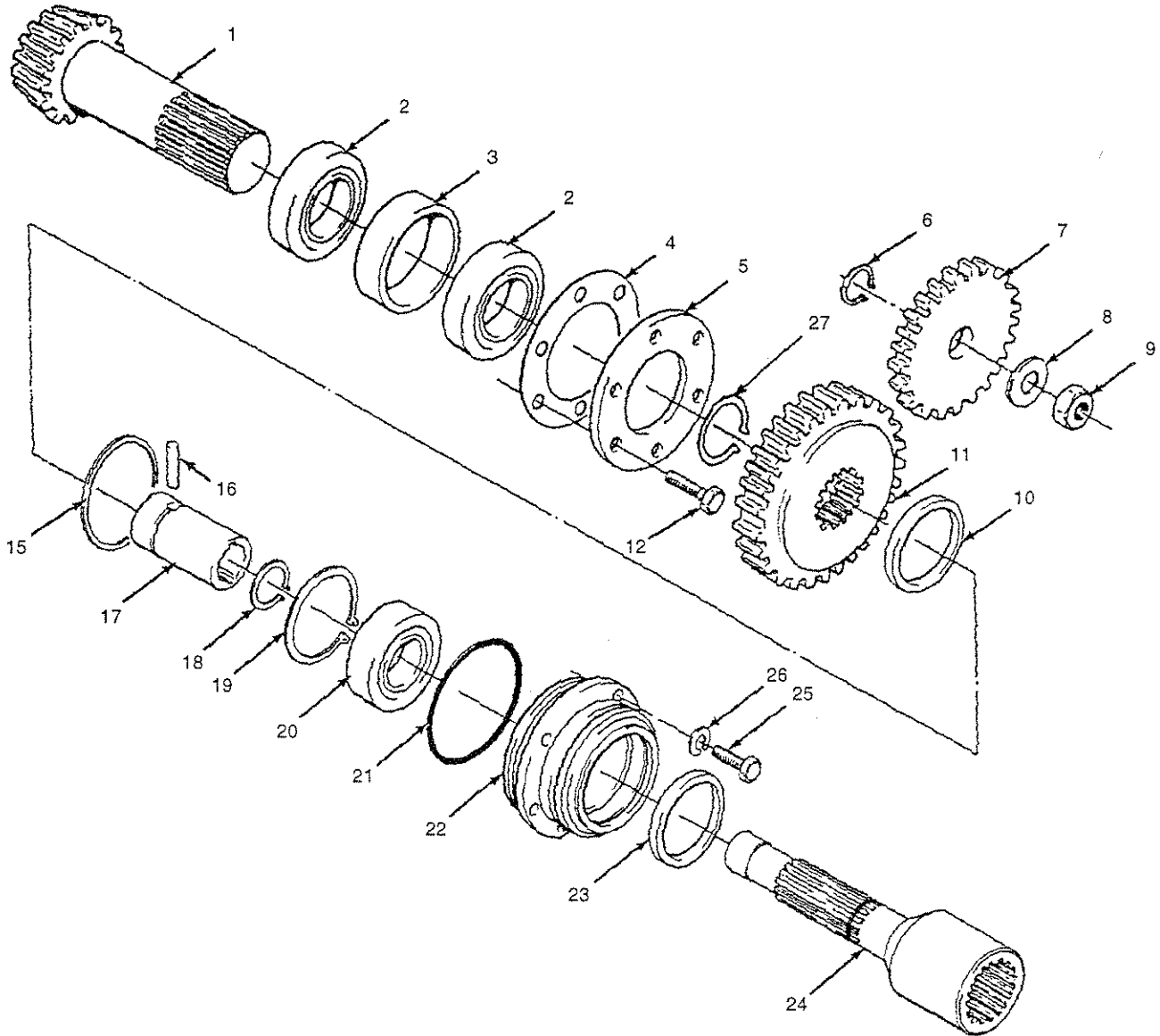
2A06

A - Caterpillar
 B - John Deere
 C - Dresser

Item	Part No.	Description	A	B	C	Item	Part No.	Description	A	B	C
1	313165W	Carrier-Bearing	--	1	--	15	305204W	Gasket	1	1	1
1	304397W	Carrier-Bearing	1	--	--	16	45209W	Bearing-Ball	--	1	--
1	327612W	Carrier-Bearing	--	--	1	17	58955W	Ring-Snap	--	1	--
2	15893W	O-Ring	1	1	1	18	320243W	Shaft-PTO	--	1	--
3	179443W	Capscrew	9	9	9	18	-----	Shaft-Universal (See 2-19)	--	1	--
4	15156W	Lockwasher	9	9	9	18	327622W	Shaft	--	--	1
5	37592W	Seal-Oil	1	--	1	18	*a 313162W	Shaft	1	--	--
5	79389W	Seal-Oil	--	1	--	18	*b 313173W	Shaft	1	--	--
6	305203W	Cover	1	1	1	19	320246W	Ring-Snap	--	1	--
7	41309W	Bearing-Ball	2	2	2	20	320242W	Coupler	--	1	--
8	295751W	Spacer	1	1	1	21	9563W	Pin	--	1	1
9	295753W	Plate-Bearing	1	1	1	22	9554W	Ring-Lock	--	1	1
10	295758W	Shim-.020	A/R	A/R	A/R	23	*c 2300046W	Ring-Snap	1	1	1
10	295757W	Shim-.007	A/R	A/R	A/R	24	90937W	O-Ring	--	--	1
10	295756W	Shim-.005	A/R	A/R	A/R	24	92482W	O-Ring	--	--	1
11	294931W	Gear	1	1	1	24	327613W	Adaptor	--	--	1
12	58941W	Ring-Snap	1	1	1						
13	16805W	Capscrew	6	6	6						
14	342437W	Set-Pinion/Gear	1	1	1						
14	*c 2300047W	Set-Pinion/Gear	1	1	1						
							*a	Caterpillar D5B PS			
							*b	Caterpillar D5B DD			
							*c	First Used on AW5B-1078			

Shaft-PTO

Caterpillar D4H D5H D5M and D6M with 32.27:1 Gear Ratio



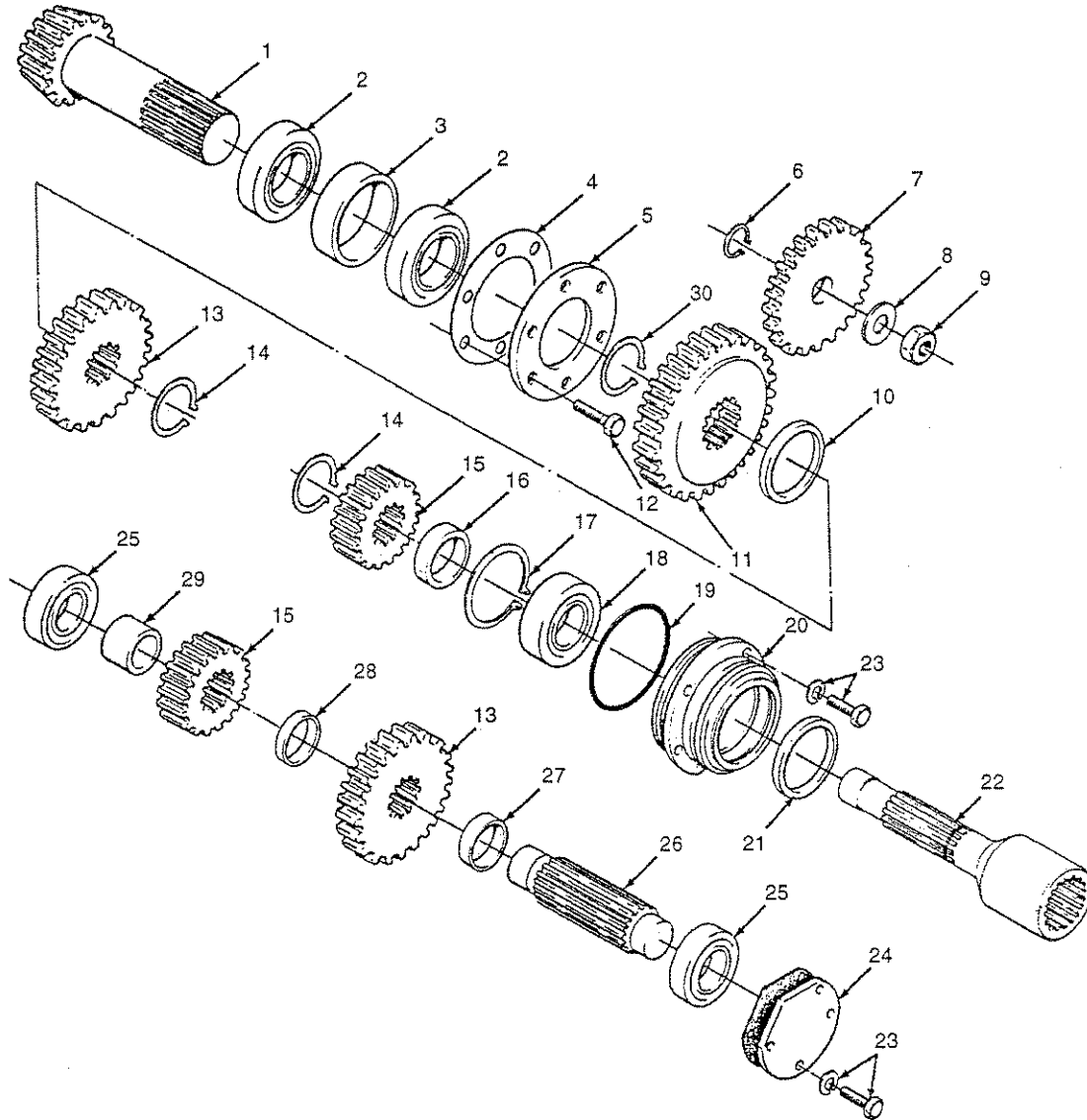
2A07

Item	Description	Qty	Item	Part No.	Description	Qty
1	342437W Set-Pinion/Gear	1	16	9563W Pin		1
1	*b 2300047W Set-Pinion/Gear	1	17	320242W Coupler		1
2	41309W Bearing-Ball	2	18	58939W Ring-Snap		1
3	295751W Spacer	1	18	*a 383187W Spacer		1
4	295756W Shim-.005	A/R	19	58955W Ring-Snap		1
4	295757W Shim-.007	A/R	20	45209W Bearing-Ball		1
4	295758W Shim-.020	A/R	21	15893W O-Ring		1
5	295753W Plate-Bearing	1	22	377720W Carrier-Bearing		1
6	58929W Ring-Snap	1	23	79389W Seal-Oil		1
7	----- Gear (See 3-6)	1	24	383186W Shaft		1
8	331760W Spacer	A/R	25	179443W Capscrew		9
9	221355W Locknut	1	26	15156W Lockwasher		9
10	295750W Spacer	1	27	*b 2300046W Ring-Snap		1
11	294931W Gear	1				
12	179443W Capscrew	6				
14	58941W Ring-Snap	1				
15	9554W Ring-Lock	1				

*a First Used on S/N W5B-2393 and AW5B-1001
 *b First Used on S/N AW5B-1078

Shaft-PTO

Caterpillar D4H D5H D5M and D6M with 66.9:1 and 117:1 Gear Ratio



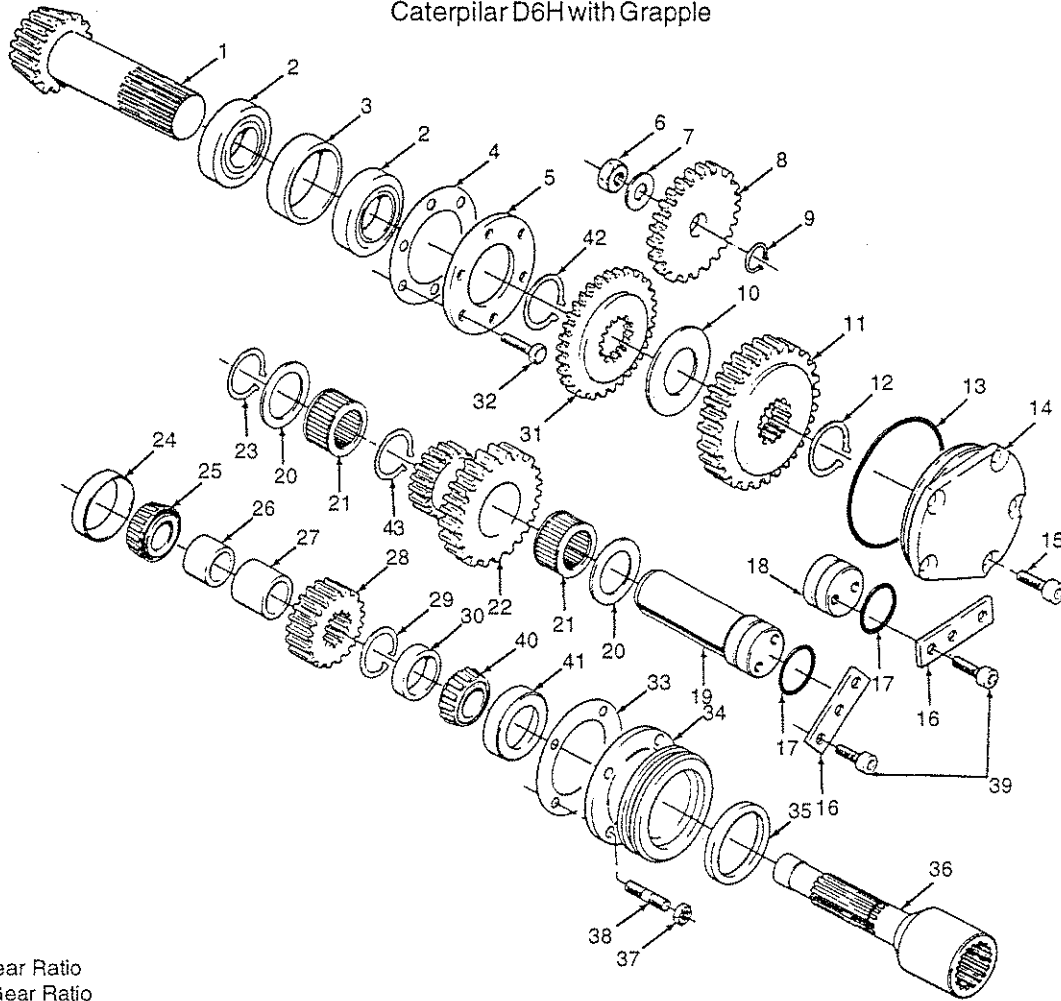
2A08

Item		Description	Qty	Item	Part No.	Description	Qty
1		342437W Set-Pinion/Gear	1	16	383187W	Spacer	1
1	*c	2300047W Set-Pinion/Gear	1	17	58955W	Ring-Snap	1
2		41309W Bearing, Ball	2	18	45209W	Bearing-Ball	1
3		295751W Spacer	1	19	15893W	O-Ring	1
4		295756W Shim-.005	A/R	20	377720W	Carrier-Bearing	1
4		295757W Shim-.007	A/R	21	79389W	Seal-Oil	1
4		295758W Shim-.020	A/R	22	383186W	Shaft	1
5		295753W Plate-Bearing	1	23	179443W	Capscrew	9
6		58929W Ring-Snap	1	23	15156W	Lockwasher	9
7		----- Gear (See 3-6)	1	24	305203W	Cover	1
8		331760W Spacer	A/R	25	43207W	Bearing-Ball	2
9		221355W Locknut	1	26	304395W	Shaft	1
10		295750W Spacer	1	27	305205W	Spacer	1
11	*a	294931W Gear	1	28	305207W	Spacer	1
11	*b	332247W Gear	1	29	294933W	Spacer	1
12		179443W Capscrew	6	30	*c 2300046W	Ring-Snap	1
13	*a	298591W Gear	2				
13	*b	295769W Gear	2				
14		58941W Ring-Snap	2				
15	*a	295773W Gear	2				
15	*b	332229W Gear	2				

*a 66.9:1 Gear Ratio
 *b 117:1 Gear Ratio
 *c First Used on AW5B-1078

Shaft-PTO

Caterpillar D6H with Grapple



2409

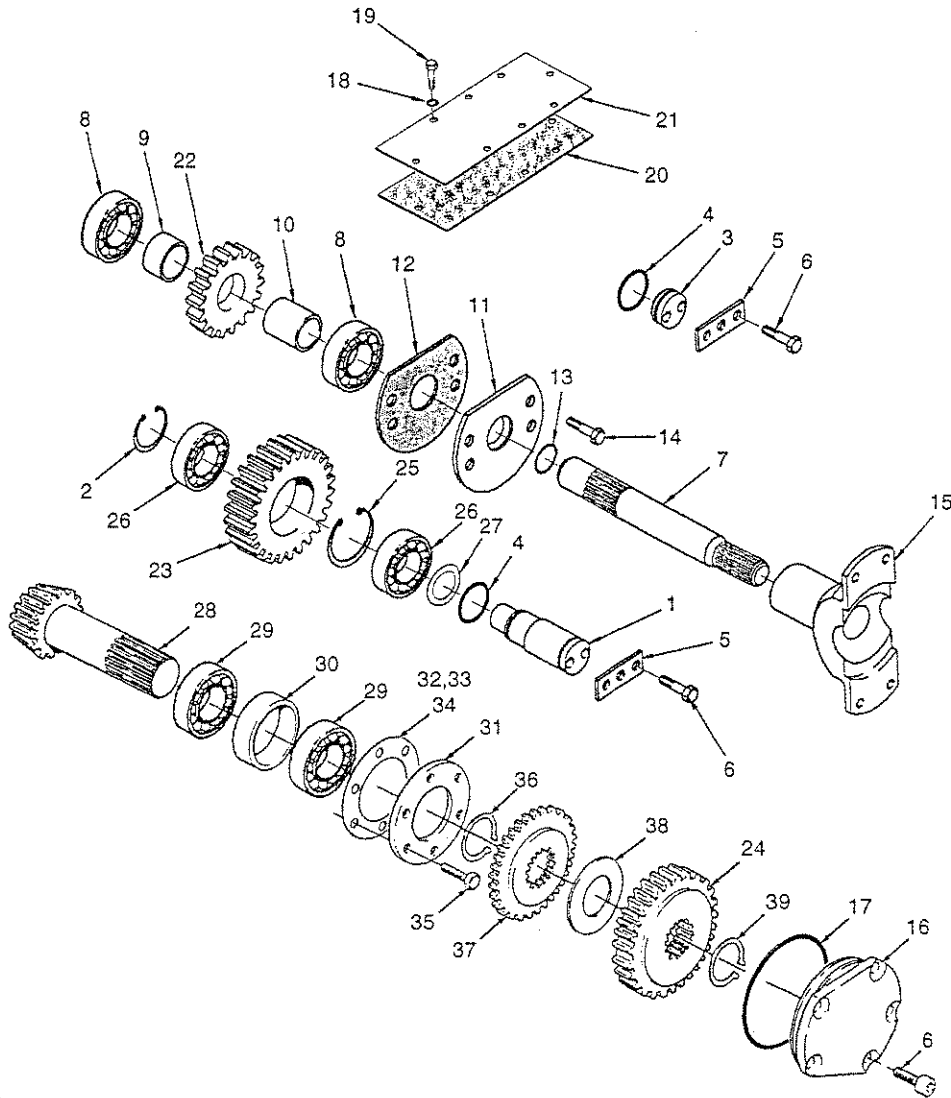
A - 71.7:1 Gear Ratio
B - 115.3:1 Gear Ratio

Item	Part No.	Description	A	B	Item	Part No.	Description	A	B
1	342437W	Set-Pinion/Gear	1	1	22	381172W	Gear	--	1
1	*a 2300047W	Set-Pinion/Gear	1	1	23	58939W	Snap Ring	1	1
2	41309W	Bearing-Ball	2	2	23	58931W	Snap Ring	--	1
3	295751W	Spacer	1	1	24	381173W	Cup, Bearing	1	1
4	295756W	Shim-.005	A/R	A/R	25	381174W	Cone, Bearing	1	1
4	295757W	Shim-.007	A/R	A/R	26	388575W	Spacer	1	1
4	295758W	Shim-.020	A/R	A/R	27	383924W	Spacer	1	1
5	295753W	Plate-Bearing	1	1	28	294929W	Gear	1	1
6	221355W	Locknut	1	1	29	58941W	Snap Ring	1	1
7	331760W	Spacer	1	1	30	295750W	Spacer	1	1
8	-----	Gear (See 3-6)	1	1	31	294931W	Gear	1	--
9	58929W	Ring-Snap	1	1	31	332247W	Gear	--	1
10	295750W	Spacer	1	--	32	179443W	Capscrew	6	6
10	383185W	Washer	--	1	33	110922W	Shim-.005	A/R	A/R
11	295769W	Gear	1	--	33	110923W	Shim-.007	A/R	A/R
11	381176W	Gear	--	1	33	110924W	Shim-.020	A/R	A/R
12	58941W	Snap Ring	1	1	34	381167W	Carrier	1	1
13	15893W	O-Ring	1	1	35	1310823W	Seal-Oil	1	1
14	294936W	Carrier	1	1	36	388576W	Shaft	1	1
15	295752W	Capscrew	5	5	37	221707W	Nut	4	4
16	294938W	Keeper	2	2	38	16227W	Screw	4	4
17	39387W	O-Ring	2	2	39	295752W	Capscrew	6	6
18	308405W	Plug	1	1	40	381177W	Cone, Bearing	1	1
19	294940W	Shaft	1	--	41	299670W	Cup, Bearing	1	1
19	381170W	Shaft	--	1	42	*a 2300046W	Snap Ring	1	1
20	381169W	Washer	--	2	43	58938W	Snap Ring	1	--
21	44309W	Bearing	1	--					
21	381171W	Bearing	--	1					
22	313174W	Gear	1	--					

*a First Used AW5B-1078

Shaft-PTO

Komatsu D53 D58 D63 and Caterpillar Challenger 65/75



2A10

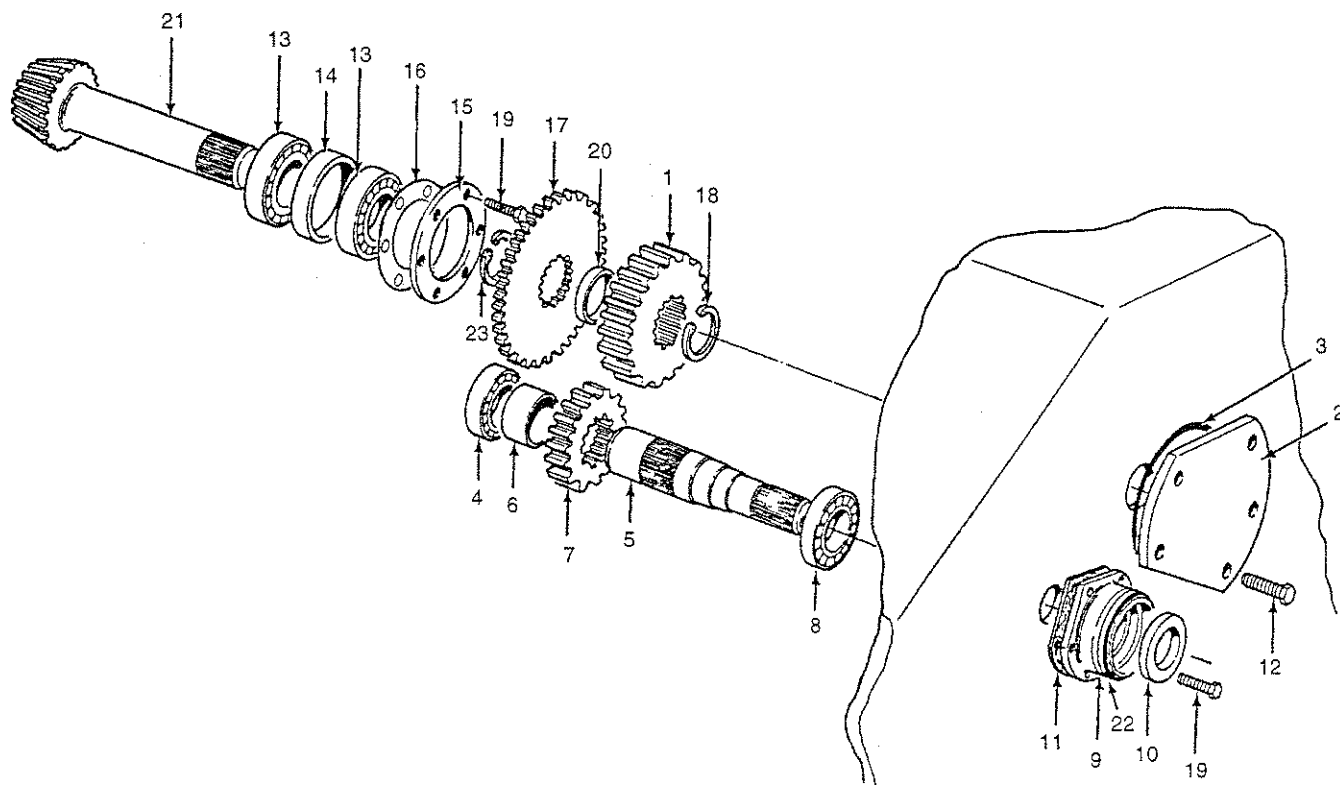
A - 55.3:1 Gear Ratio

B - 71.7:1 Gear Ratio

Item	Part No.	Description	A	B	Item	Part No.	Description	A	B
1	294940W	Shaft	1	1	22	294929W	Gear	--	1
2	58935W	Ring-Snap	1	1	23	313174W	Gear	1	--
3	308405W	Plug	1	1	23	308404W	Gear	--	1
4	39387W	O-Ring	2	2	24	298591W	Gear	1	--
5	294938W	Keeper	2	2	24	295769W	Gear	--	1
6	205752W	Capscrew	11	11	25	58938W	Ring-Snap	1	--
7	1310752W	Shaft	1	1	25	57542W	Ring-Snap	--	1
8	44307W	Bearing	2	2	26	44309W	Bearing	2	--
9	294933W	Spacer	1	1	26	295754W	Bearing	--	1
10	296854W	Spacer	1	1	27	313875W	Spacer	--	1
11	1310753W	Carrier	1	1	28	2300047W	Set-Pinion/Gear	1	1
12	296852W	Gasket	1	1	29	41309W	Bearing-Ball	2	2
13	182091W	Seal	1	1	30	295751W	Spacer	1	1
14	252928W	Capscrew	4	4	31	295753W	Plate-Bearing Retainer	1	1
15	1310754W	Yoke	1	1	32	295756W	Shim-.005	3	3
16	294936W	Carrier	1	1	33	295757W	Shim-.007	3	3
17	15893W	O-Ring	1	1	34	295758W	Shim-.020	3	3
18	15156W	Lockwasher	8	8	35	179443W	Capscrew	6	6
19	179443W	Capscrew	8	8	36	58941W	Ring-Snap	1	1
20	1310746W	Gasket	1	1	37	294931W	Gear-47T Pump	1	1
21	1310747W	Plate	1	1	38	295750W	Spacer	1	1
22	332229W	Gear	1	--	39	2300046W	Ring-Snap	1	1

Shaft-PTO

Case

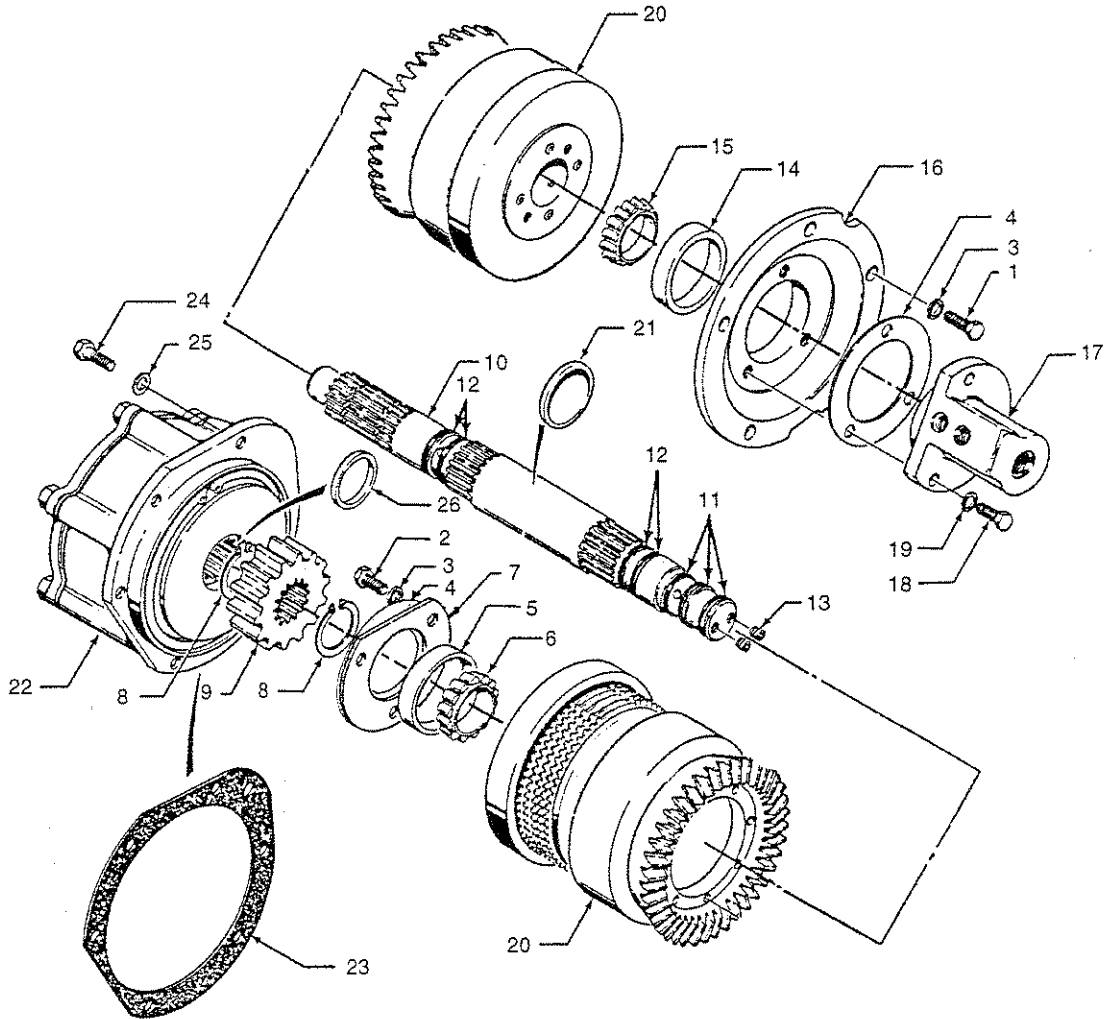


A - 32.27:1 Gear Ratio

B - 78.37:1 Gear Ratio

Item	Part No.	Description	A	B	Item	Part No.	Description	A	B
1	258591W	Gear	1	--	13	41309W	Bearing	2	2
1	1321659W	Gear	--	1	14	295751W	Spacer	1	1
2	294936W	Carrier	1	1	15	295753W	Plate-Bearing	1	1
3	15893W	O-Ring	1	1	16	295758W	Shim-.020	A/R	A/R
4	43207W	Bearing	1	1	16	295757W	Shim-.007	A/R	A/R
5	338840W	Shaft	1	1	16	295756W	Shim-.005	A/R	A/R
5	*b 2302811W	Shaft	1	1	17	294931W	Gear	1	1
6	294933W	Spacer	1	1	18	58941W	Ring-Snap	1	1
7	298591W	Gear	1	--	19	179443W	Capscrew	3	3
7	332229W	Gear	--	1	20	295750W	Spacer	1	1
8	124612W	Bearing	1	1	21	342437W	Set-Pinion/Gear	1	1
8	*b 44311W	Bearing	1	1	21	*a 2300047W	Set-Pinion/Gear	1	1
9	338841W	Carrier	1	1	22	46388W	O-Ring	1	1
9	*b 2302812W	Carrier	1	1	23	*a 2300046W	Ring-Snap	1	1
10	*b 2302810W	Seal-Oil	1	1					
11	298592W	Gasket	1	1					
12	295752W	Capscrew	5	5					
					*a	First Used on AW5B-1078			
					*b	First Used on AW5B-1318			

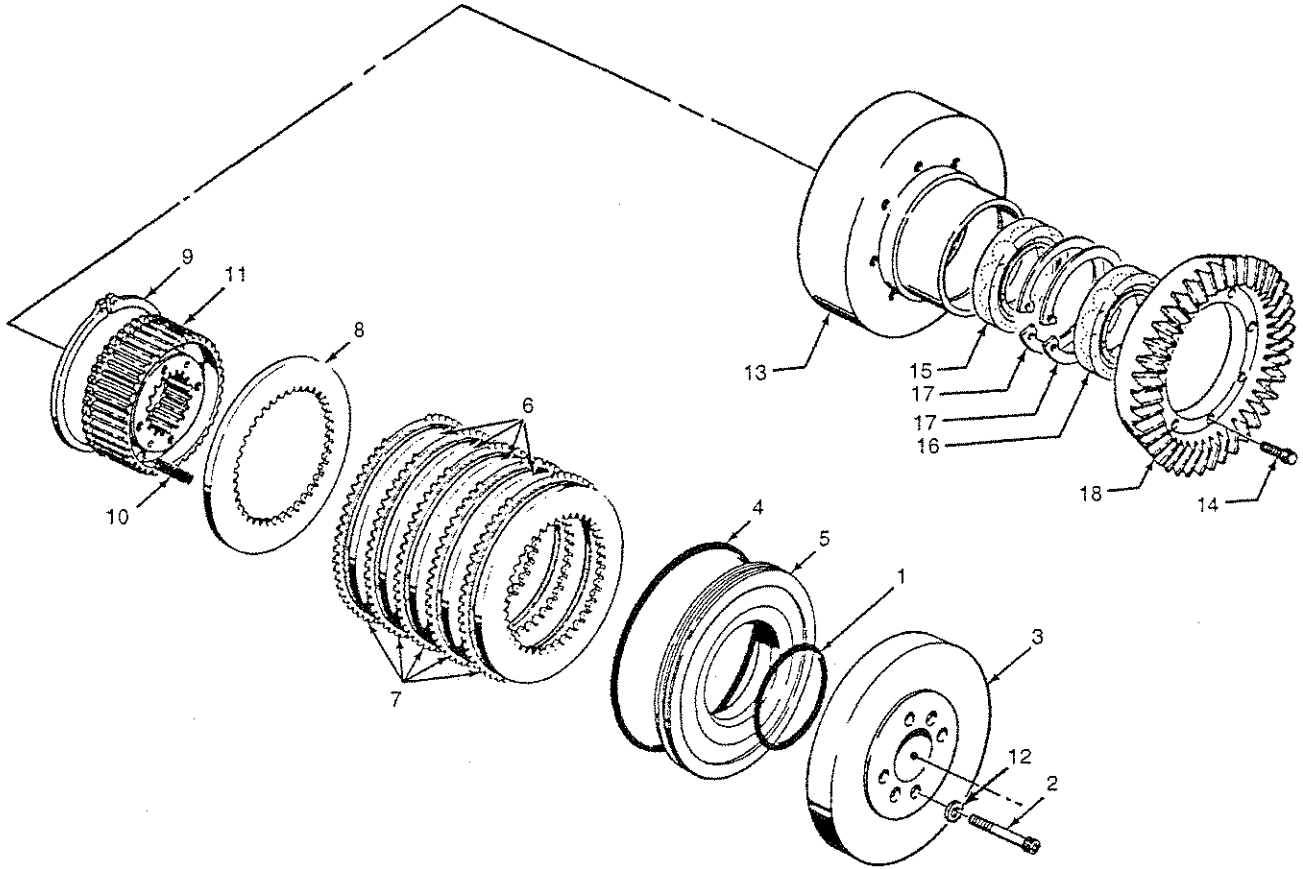
Shaft-Bevel Gear



2A11

Item	Description	Qty	Item	Part No.	Description	Qty
1	16830W	5	14	30055W	Cup-Bearing	1
2	16829W	3	15	184484W	Cone-Bearing	1
3	15158W	8	16	219085W	Retainer	1
4	219087W	A/R	17	219063W	Manifold	1
4	219088W	A/R	18	18588W	Capscrew	3
4	219089W	A/R	19	15158W	Lockwasher	3
5	30055W	1	20	-----	Gear/Clutch (See 2-13)	1
6	184484W	1	21	338844W	Spacer	1
7	219090W	1	22	-----	Brake (See 2-14)	1
8	12916W	2	23	*a 219220W	Gasket	1
9	219066W	1	24	219109W	Capscrew	6
10	219065W	1	25	177949W	Lockwasher	6
11	219070W	3	26	246759W	Spacer	1
12	39384W	4				
13	15483W	2				
				*a	Included in Gasket Kit 299017W	

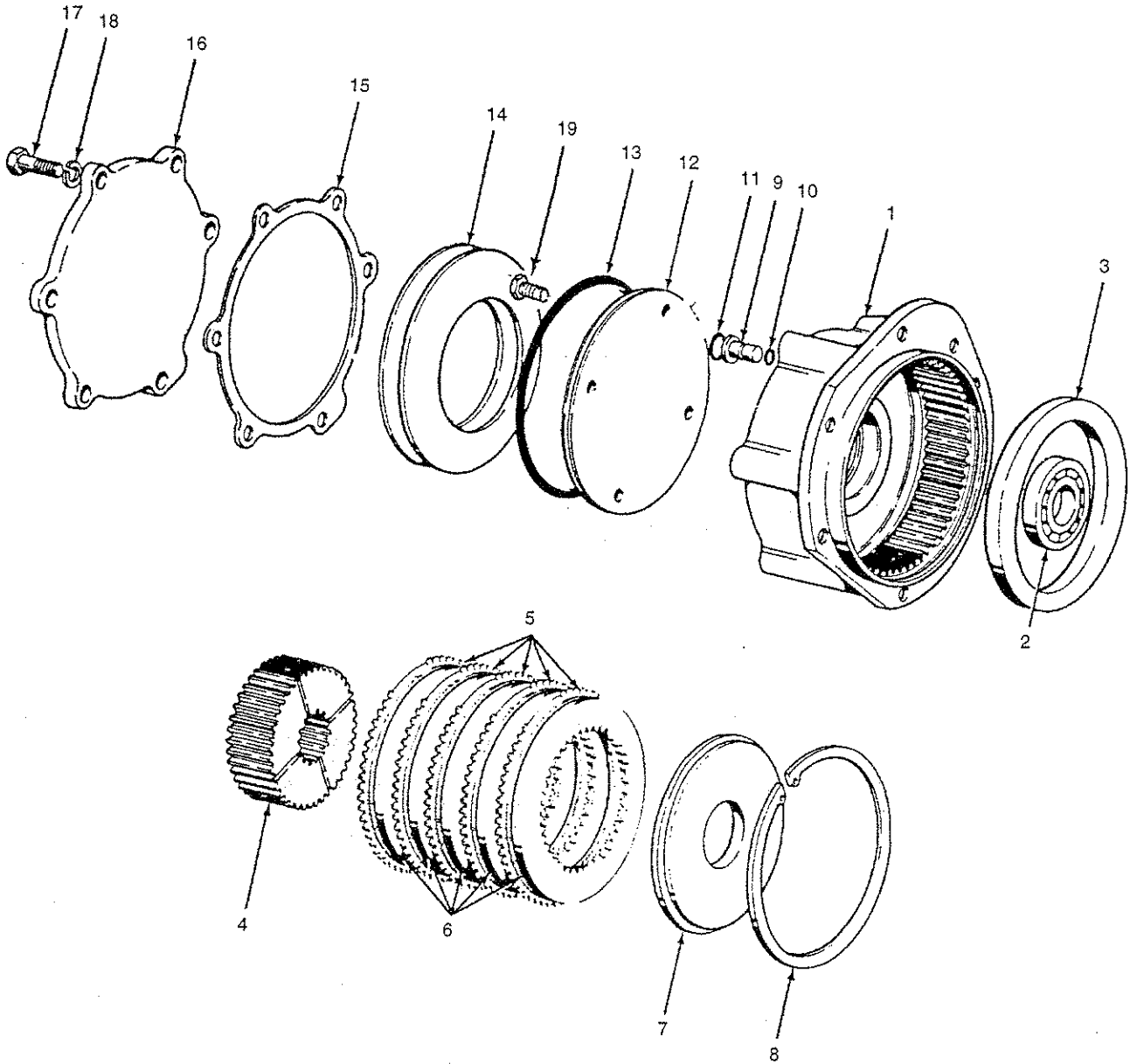
2-14 Gear/Clutch



2A12

Item		Description	Qty	Item	Part No.	Description	Qty
		282700W Clutch Assembly					
1	*a	15883W . O-Ring	1	12	177946W . Lockwasher		6
2		246770W . Capscrew	6	13	219064W Carrier		1
3		282720W . Housing-Piston	1	14	246769W Capscrew		8
4	*a	87287W . O-Ring	1	15	44312W Bearing-Ball		1
5		282703W . Piston	1	16	248683W Bearing-Ball		1
6	*a	282704W . Plate-Separator	4	17	46441W Ring-Snap		2
7	*a	328714W . Disc-Friction	5	18	342437W Set-Pinion/Gear		1
8		282706W . Ring	1	18	*b 2300047W Set-Pinion/Gear		1
9		219060W . Ring-Snap	1				
10	*a	282707W . Spring	14	*a	Included in 2300548W Service Kit		
11		282708W . Hub	1	*b	First Used on AW5B-1078		

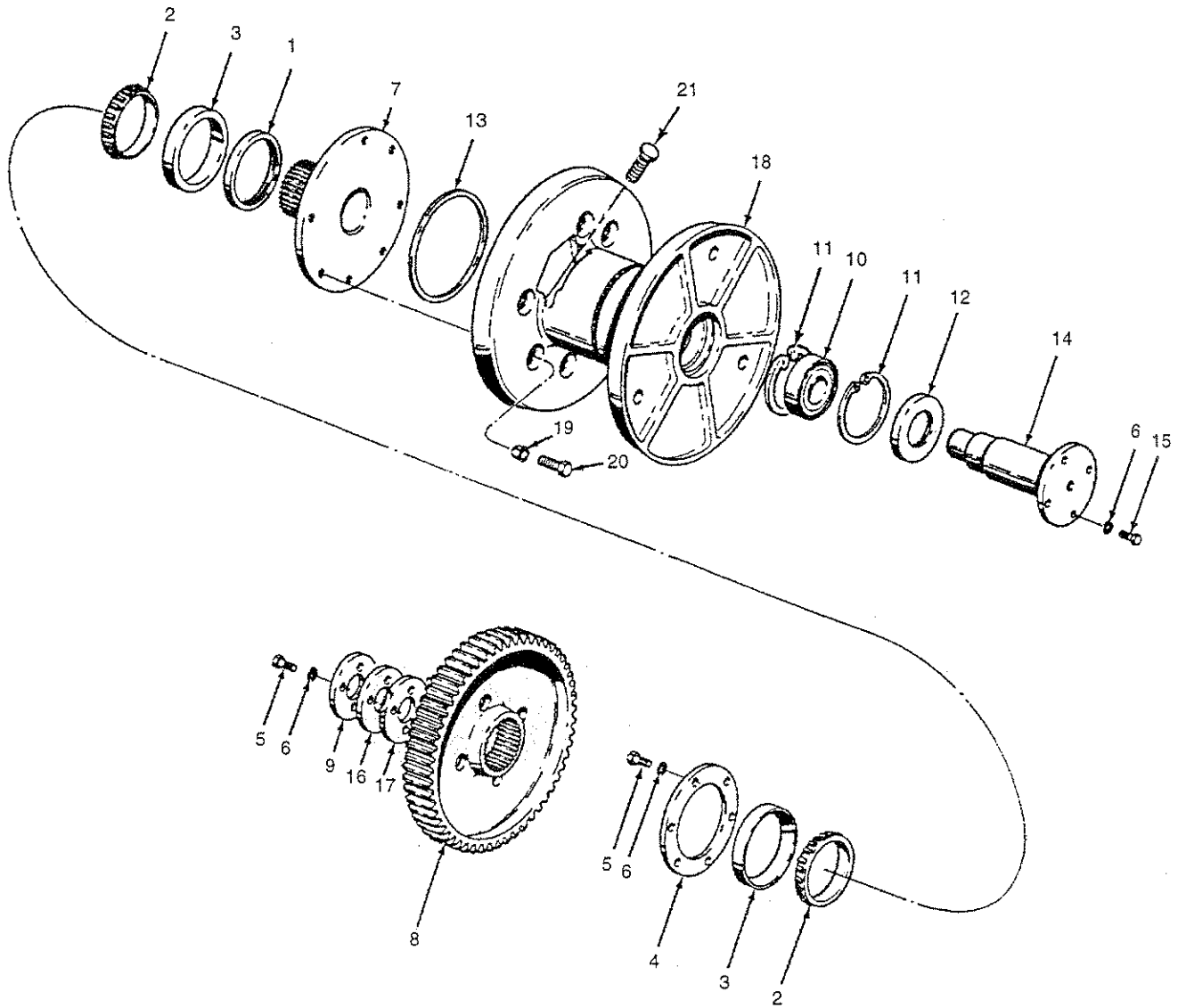
2-15 Brake



2A13

Item	Description	Qty	Item	Part No.	Description	Qty
	282710W Brake	1				
1	253055W . Housing-Brake	1	12	*b 381197W . Piston		1
2	43207W . Bearing-Ball	1	12	*d 2300042W . Piston		1
3	219081W . Ring	1	13	219096W . Ring-Seal		1
4	219238W . Hub	1	14	219084W . Spring		2
5	328714W . Disc-Friction	6	15	219219W . Shim		A/R
6	282704W . Plate-Separator	5	16	219103W . Cover		1
7	219082W . Ring	1	17	18588W . Capscrew		6
8	219092W . Ring-Snap	1	18	221771W . Washer		6
9	*a 379454W . Plunger	4	19	*d 18720W . Capscrew		4
9	*c 1308429W . Plunger	4				
9	*d 2300043W . Plunger	4				
10	15860W . O-Ring	4				
11	63105W . O-Ring	4				
12	*a 379455W . Piston	1				
				*a	First Used on S/N W5B-1501	
				*b	First Used on S/N W5B-2336	
				*c	First Used on S/N W5B-2499 and AW5B-1001	
				*d	First Used on S/N AW5B-1055	

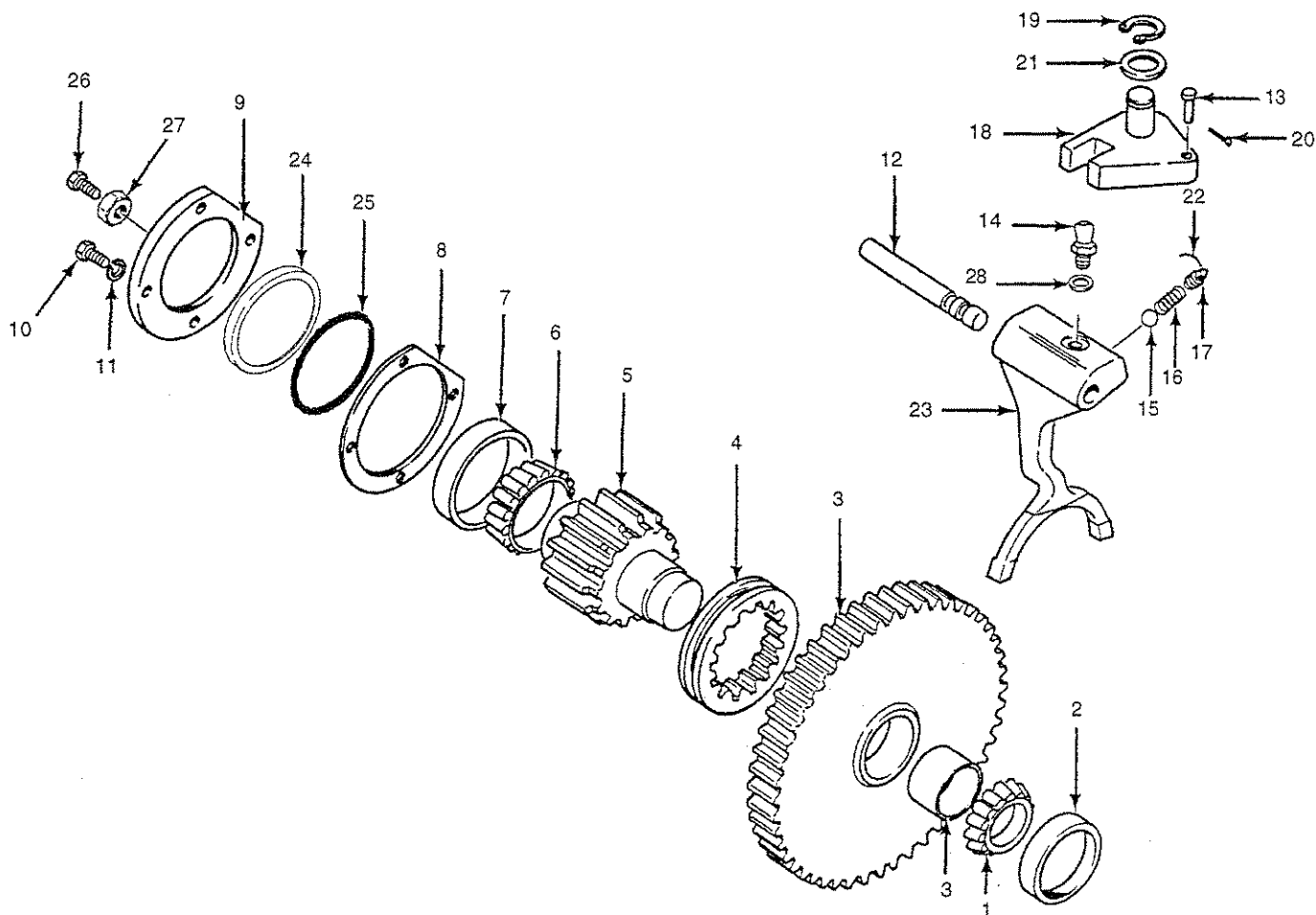
2-16 Shaft-Drum



2A14

Item	Description	Qty	Item	Part No.	Description	Qty
1	339681W	1	12	133523W	Seal-Oil	1
2	219093W	2	13	178955W	Seal-Ring	1
3	219094W	2	14	219108W	Shaft	1
4	219106W	1	15	178403W	CapscREW	4
5	16830W	10	16	248676W	Shim-.005	A/R
6	15158W	14	17	248677W	Shim-.007	A/R
7	219072W	1	18	267482W	Drum	1
8	224109W	1	19	267483W	Insert	7
9	219104W	1	20	267484W	Bolt	7
10	219095W	1	21	16413W	Setscrew	1
11	12956W	2				

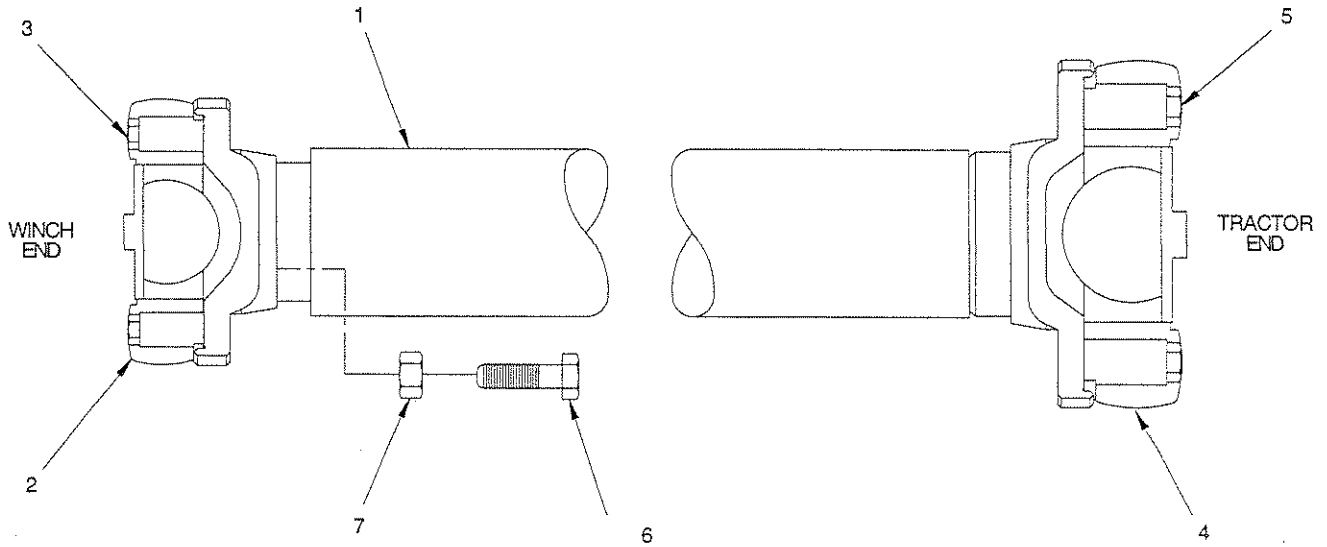
Shaft-Intermediate Gear



2A15

Item		Description	Qty	Item	Part No.	Description	Qty
1	219112W	Cone-Bearing	1	14	151583W	Stud-Ball	1
	219113W	Cup-Bearing	1		6348W	Ball	1
3	225050W	Gear	1	16	266846W	Spring	1
3	219133W	. Bushing	1	17	46578W	Plug-Pipe	1
4	224108W	Clutch-Gear	1	18	258166W	Crank	1
5	224110W	Gear-Drum	1	19	58933W	Ring-Snap	1
6	219114W	Cone-Bearing	1	20	15212W	Pin-Cotter	1
7	219115W	Cup-Bearing	1	21	221780W	Washer-Flat	1
8	*a 219119W	Shim-.005	A/R	22	67355W	Wire	1
8	*a 219120W	Shim-.007	A/R	23	255482W	Shifter	1
8	*a 219121W	Shim-.020	A/R	24	*b 2302624W	Piston-Freespool/Adjust	1
9	*a 219117W	Retainer	1	25	*b 159940W	O-Ring	1
9	*b 2302698W	Retainer-Freespool/Adjust	1	26	*b 221650W	Capscrew	1
10	*a 178402W	Capscrew	4	27	*b 221717W	Nut	1
10	*b 2302694W	Capscrew	4	28	15160W	Washer	1
11	15158W	Lockwasher	4				
12	219122W	Shaft	1	*a	Last Used AW5B-1290		
13	177590W	Pin	1	*b	First Used AW5B-1291		

Shaft-Universal
Caterpillar Challenger 65/75

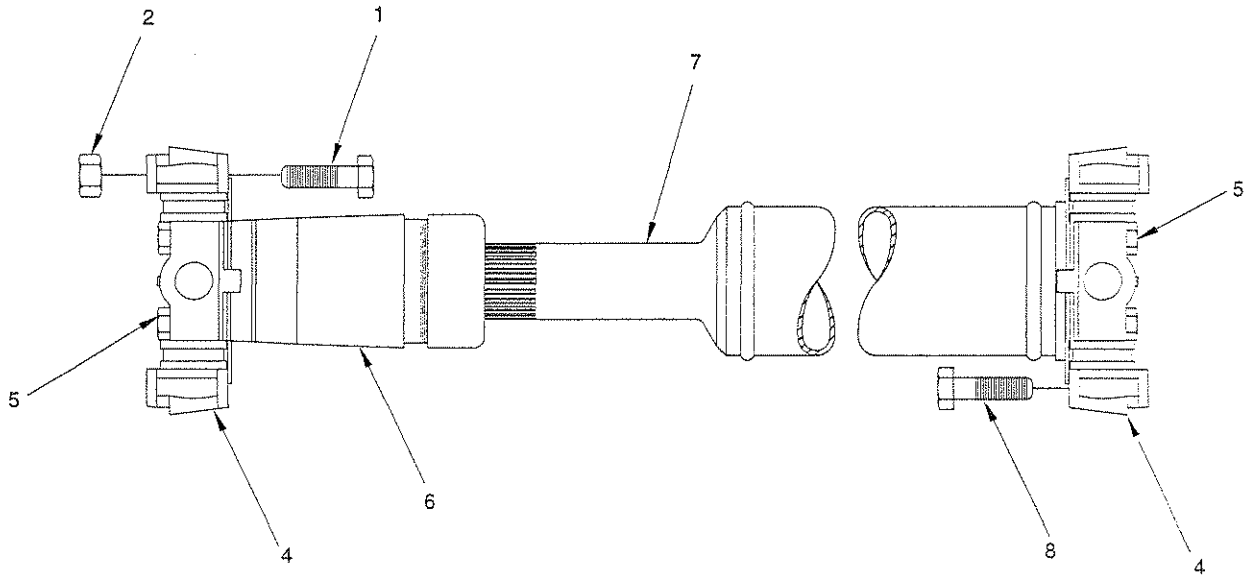


2A16

Item	Description	Qty	Item	Part No.	Description	Qty
1	2300538W Driveline	1	4	2302784W	. U-Joint	1
1	----- . Tube	NSS	5	221585W	. Capscrew	4
2	2301006W . U-Joint	1	6	221471W	Capscrew	4
3	221507W . . Capscrew	4	7	221351W	Nut	4

Shaft-Universal

Komatsu D41E-6

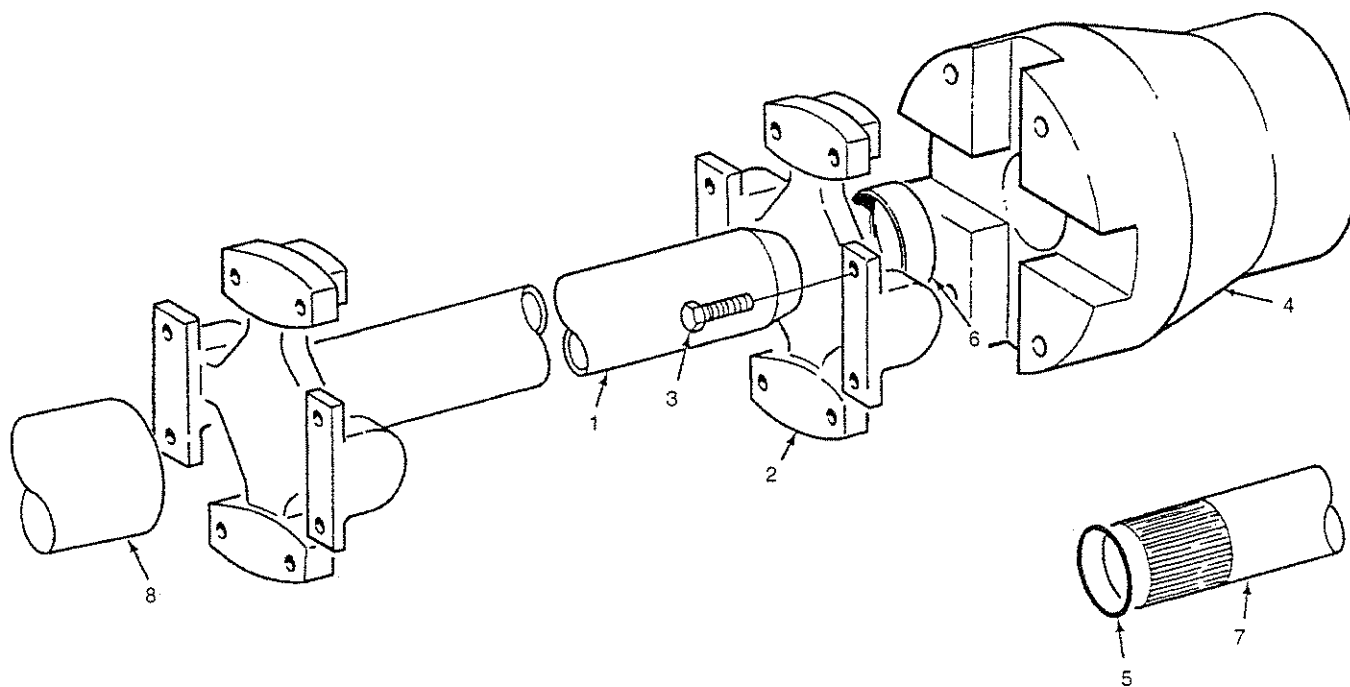


2A17

Item	Description	Qty	Item	Part No.	Description	Qty
1	221475W	4	6	NSS	Slip Yoke	1
2	221351W	4	7	NSS	Propshaft	1
3	2301680W	1	8	293617W	CapscREW	4
4	2300041W	2				
5	221466W	8		*a	Use 230064W Primer/Adhesive Kit	

Shaft-Universal

John Deere



2A18

A - 750/750B

B - 750C

Item	Part No.	Description	A	B	Item	Part No.	Description	A	B
1	320232W	Driveline	1	--	5	15869W	O-Ring	1	--
1	2301650W	Driveline	--	1	6	225097W	Cup-Dust	1	--
1	NSS	. Tube	1	1	7	-----	Shaft-PTO (Tractor)	1	1
2	257343W	. Spider/Bearing	2	2	8	-----	Shaft-PTO (Winch)	1	1
3	*a 221466W	Capscrew	8	8					
4	225096W	Coupler	1	--	*a	Use 230064W Primer/Adhesive Kit			
4	2301651W	Coupler	--	1					

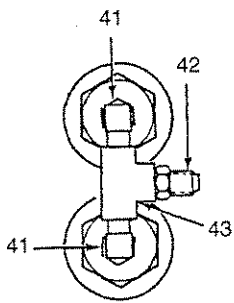
Hydraulics/Controls

Filter-Hydraulic	3-6
Gear-Handling	3-7 thru 3-20
Control Lever	3-21 thru 3-24
Hydraulic	3-2 & 3-3
Pump-Hydraulic	3-6
Valve-Control	3-4 & 3-5

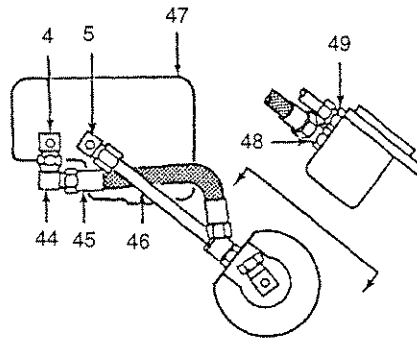


Hydraulic

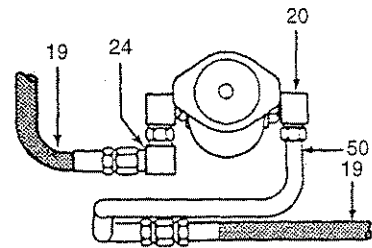
Parts Service Gram	
Item	Gram
Hyd Oil	AO-Z-26R3



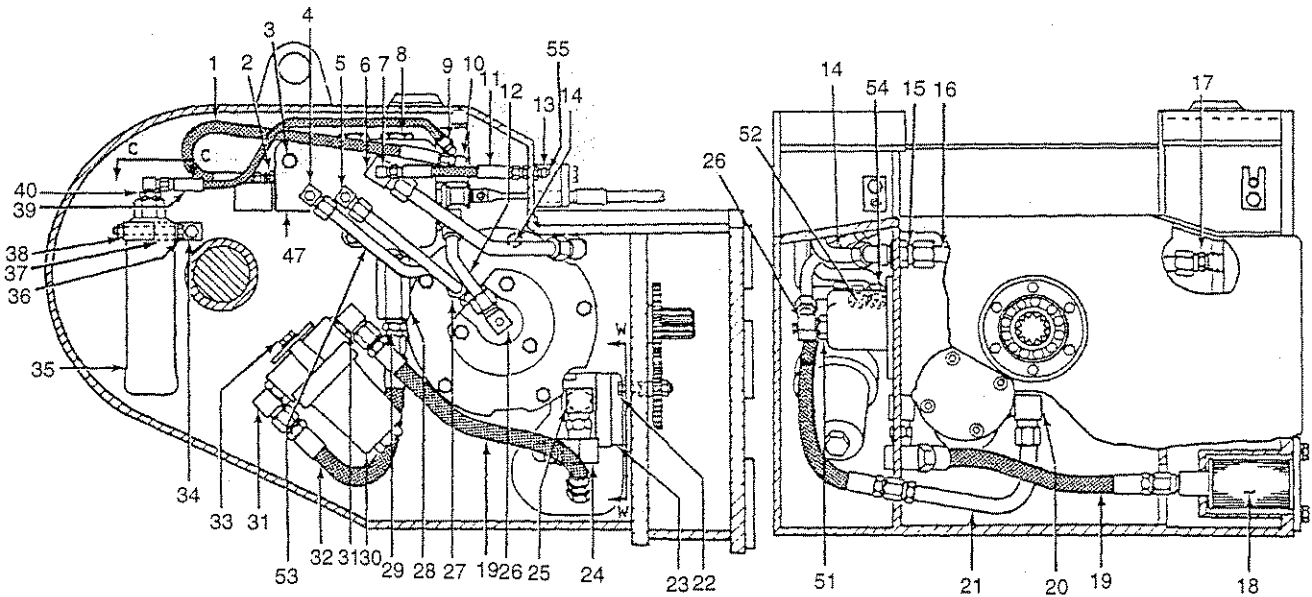
View C-C



CCW Valve Plumbing



CCW Pump Plumbing (View W-W)



Hydraulic System (CW Pump Rotation Shown)

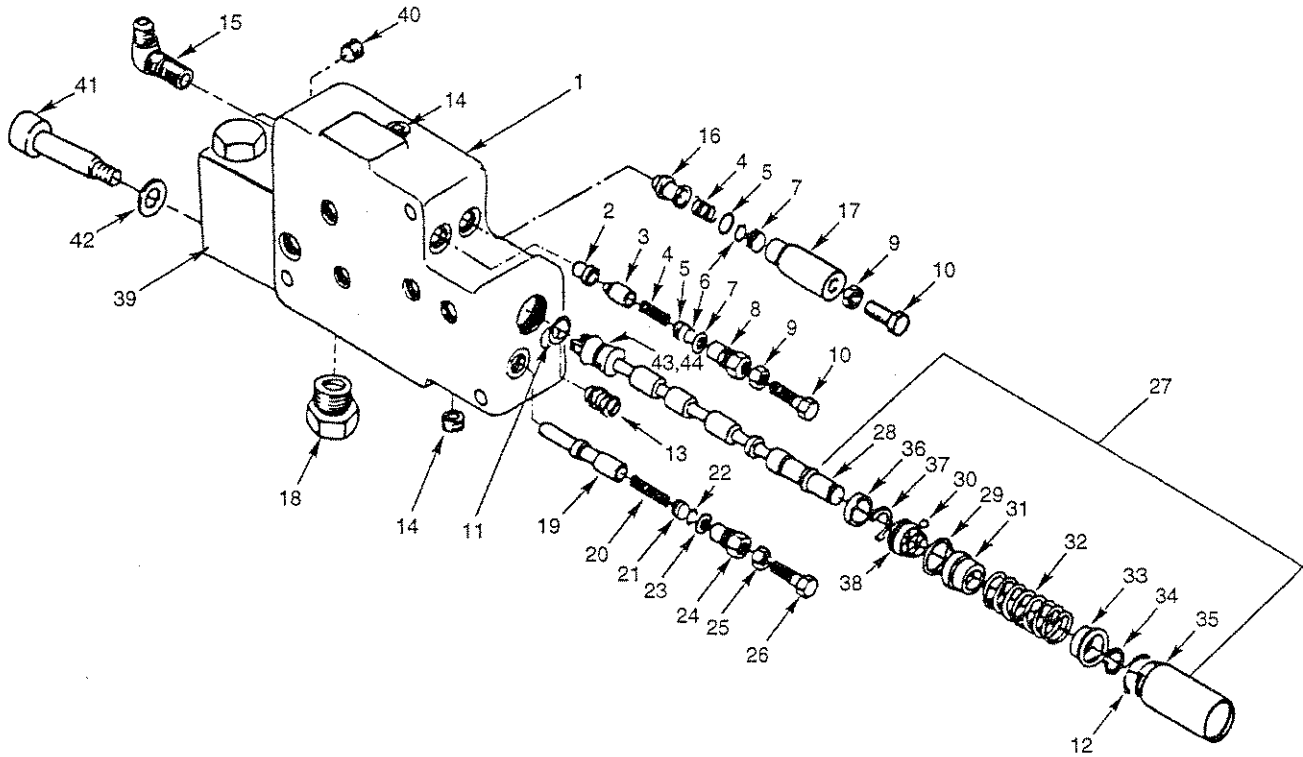
3A01

Hydraulic

Item	Description	Qty	Item	Part No.	Description	Qty
1	109002W	1	32	139718W	Hose	1
2	12843W	1	33	16829W	Cap screw	2
2	14668W	1	33	*c 16598W	Cap screw	2
3	198385W	3	33	15158W	Lockwasher	2
3	15158W	3	33	*c 15156W	Lockwasher	2
4	198352W	1	33	15178W	Washer-Flat	2
4	*d 14349W	1	33	*c 15176W	Washer-Flat	2
5	219246W	1	34	194090W	Cap screw	1
5	14349W	1	34	15156W	Lockwasher	1
6	219240W	1	35	327610W	Accumulator	2
7	14500W	1	36	18542W	Cap screw	1
8	226450W	1	37	241782W	Strip	1
9	14538W	1	38	360385W	Bracket	1
10	15472W	1	39	145735W	Hose	1
10	14516W	1	40	327611W	Fitting	2
11	140288W	2	41	16841W	Elbow-Fitting	2
12	219170W	1	42	14668W	Fitting	1
13	16445W	1	43	63111W	Fitting	1
14	219187W	1	44	*b 16989W	Fitting	1
15	16468W	1	44	*b*d 219246W	Fitting	1
16	250496W	1	45	*b 383891W	Hose	1
17	219180W	1	45	*b*d 2300580W	Tube Assembly	1
18	219172W	1	46	*b 248699W	Tube	1
19	139718W	2	47	-----	Valve-Control (See 3-4)	1
20	16561W	1	48	*b 16568W	Fitting	1
21	*a 303926W	1	48	*b*d 16559W	Fitting	1
22	16805W	2	49	*b 16541W	Fitting	1
22	15156W	2	50	*b 303927W	Tube	1
22	15134W	2	51	14349W	Fitting	1
23	-----	1	52	*a 16559W	Fitting	1
24	83857W	1	53	*a 2301405W	Tube	1
25	16561W	1	54	*a 16541W	Fitting	1
26	198062W	1	55	16923W	Fitting	1
27	*a 219169W	1				
28	271729W	1		*a	CW Pump Rotation Applications Only	
28	16486W	1		*b	CCW Pump Rotation Application Only	
29	17346W	1		*c	First Used on AW5B-1149	
30	-----	1		*d	First Used during 1993	
31	16561W	2				

Valve-Control

Last Used AW5B-1107

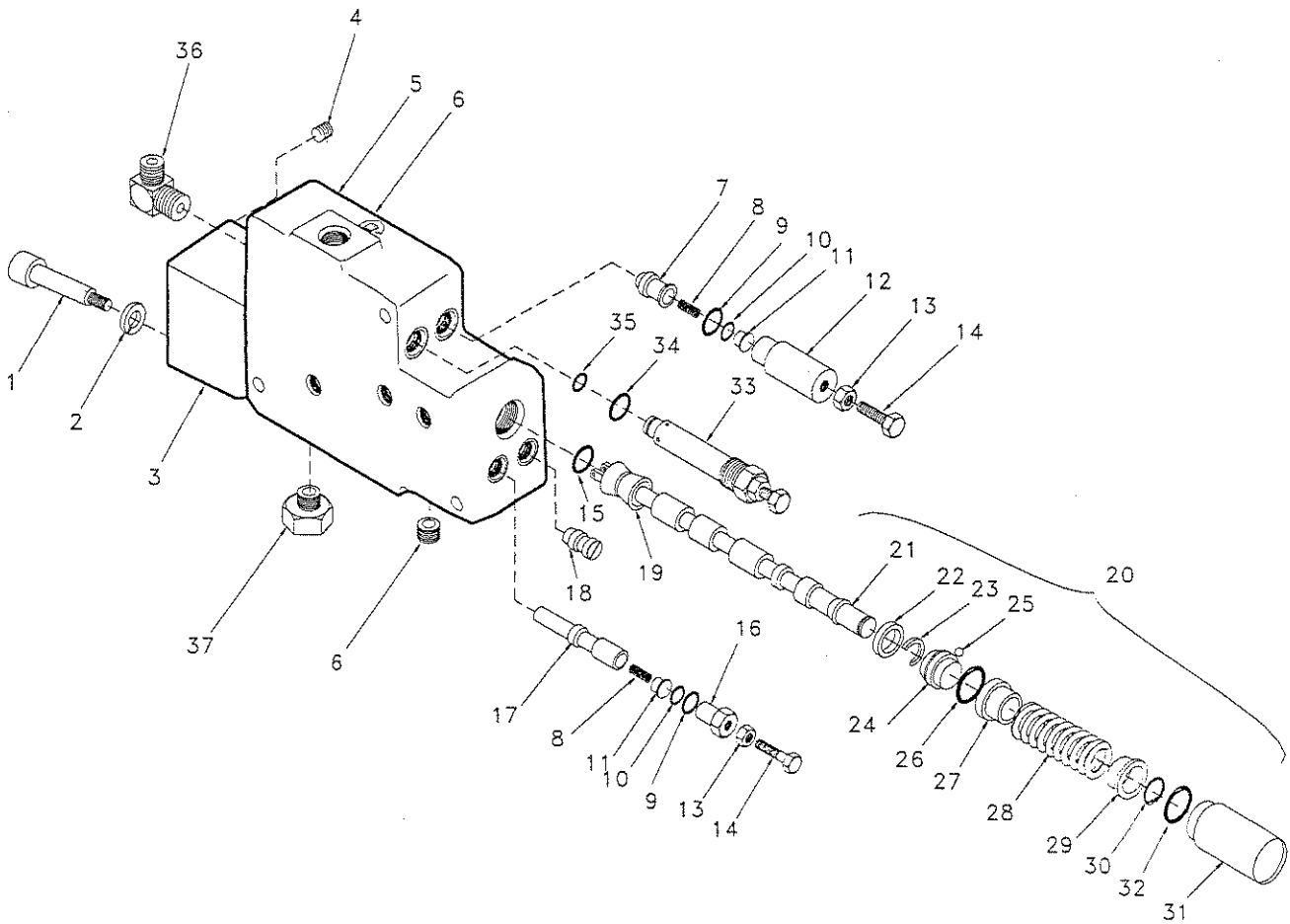


3A02

Item	Description	Qty	Item	Part No.	Description	Qty
	282139W				Valve	
1	-----	NSS	23	16484W	. O-Ring	1
2	195990W	1	24	196004W	. Fitting	1
3	195991W	1	25	15027W	. Nut-Jam	1
4	195992W	2	26	195995W	. Capscrew	1
5	195993W	2	27	262088W	. Spool-PFR	1
6	15860W	2	28	258217W	. Spool	1
7	16484W	2	29	118365W	. O-Ring	1
8	196004W	1	30	170987W	. Ball	8
9	15027W	2	31	238992W	. Spacer	1
10	195995W	2	32	166911W	. Spring-Spool	1
11	118361W	1	33	166905W	. Retainer-Spring	1
12	39376W	1	34	196002W	. Ring-Snap	1
13	15314W	1	35	196009W	. Cap-Spool	1
14	15962W	2	36	258220W	. Ring	1
15	16560W	1	37	196000W	. Ring	1
16	196006W	1	38	195997W	. Retainer-Detent	1
17	226445W	1	39	267018W	. Valve-Accumulator	1
18	14604W	1	40	15483W	. Fitting	2
19	196003W	1	41	241778W	. Screw-Shoulder	2
20	195992W	1	42	15156W	. Lockwasher	2
21	195993W	1	43	279397W	. Cam	1
22	15860W	1	44	68370W	. Pin	1

Valve-Control

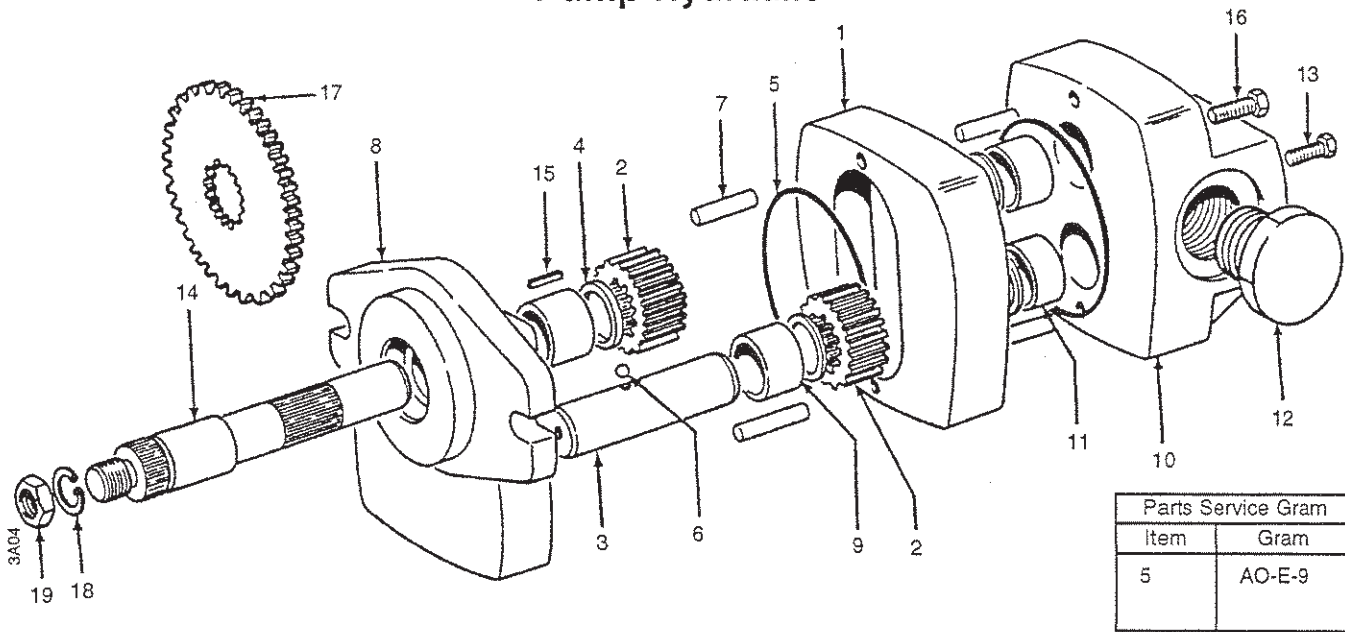
First Used AW5B-1108



3A24

Item	Description	Qty	Item	Part No.	Description	Qty
	2300299W Valve-Control					
1	241778W . Screw	2	19	68370W . Pin (Not Illustrated)		1
2	15156W . Lockwasher	2	20	262088W . Spool-PFR		1
3	267018W . Valve	1	21	258217W .. Spool		1
4	15483W . Fitting	2	22	258220W .. Ring		1
5	NSS . Body-Valve	1	23	196000W .. Ring		1
6	15962W . Fitting	2	24	195997W .. Retainer-Detent		1
7	196006W . Spool-Fwd Mod	1	25	170987W .. Ball		8
8	195992W . Spring-Relief	2	26	118365W .. O-Ring		1
9	16484W . O-Ring	2	27	238992W .. Spacer		1
10	15860W . O-Ring	2	28	166911W .. Spring-Spool		1
11	195993W . Plug	2	29	166905W .. Retainer-Spring		1
12	226445W . Fitting	1	30	196002W .. Ring-Snap		1
13	15027W . Nut-Jam	2	31	196009W .. Cap-Spool		1
14	195995W . Capscrew	2	32	39376W . O-Ring		1
15	118361W . O-Ring	1	33	2300308W . Relief		1
16	196004W . Fitting	1	34	16484W .. O-Ring		1
17	196003W . Spool-Rev Mod	1	35	265787W .. O-Ring		1
18	15314W . Fitting	1	36	16560W . Fitting		1
19	279397W . Cam	1	37	14604W . Fitting		1

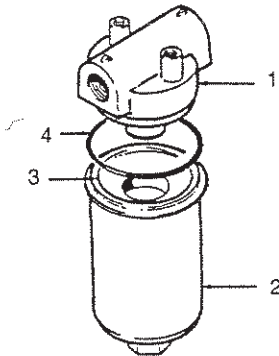
Pump-Hydraulic



Parts Service Gram	
Item	Gram
5	AO-E-9

Item	Description	Qty	Item	Part No.	Description	Qty
	294925W Pump					
1	----- . Housing	1	18	58929W	Ring-Snap	1
2	----- . Gear	2	18	331760W	Spacer	1
3	----- . Shaft-Idler	1	19	221355W	Locknut	1
4	----- . Ring-Snap	4				
5	----- . O-Ring	2	*a		All Fiat-Hitachi and Komatsu; John Deere with 32.27:1 and 66.9:1 Gear Ratios; Case with 32.27:1 Gear Ratio; Dresser with 32.27:1 Gear Ratio; All Caterpillar D4D D4E and Challenger; Caterpillar D4H D5E D5H D5M D6M with 25.82:1 32.27:1 40.33 66.9:1 71.7:1 and 115.3:1 Gear Ratios; Caterpillar D6H with 71.7:1 Gear Ratio	
6	----- . Ball	1				
7	----- . Pin-Dowel	4				
8	----- . Plate-Drive	1				
9	----- . Bearing	2				
10	----- . Plate-End	1				
11	----- . Bearing	2				
12	----- . Plug	2				
13	----- . Screw	2				
14	----- . Shaft-Drive	1	*b		John Deere with 117:1 Gear Ratio; Dresser with 117:1 Gear Ratio; Case with 78.37:1 Gear Ratio; Caterpillar D4H D5E D5H D5M D6M with 117:1; Caterpillar D6H with 115.3:1	
15	----- . Pin-Dowel	1				
16	----- . Capscrew	4				
17	*a 294932W Gear - 33T	1				
17	*b 332248W Gear - 20T	1				

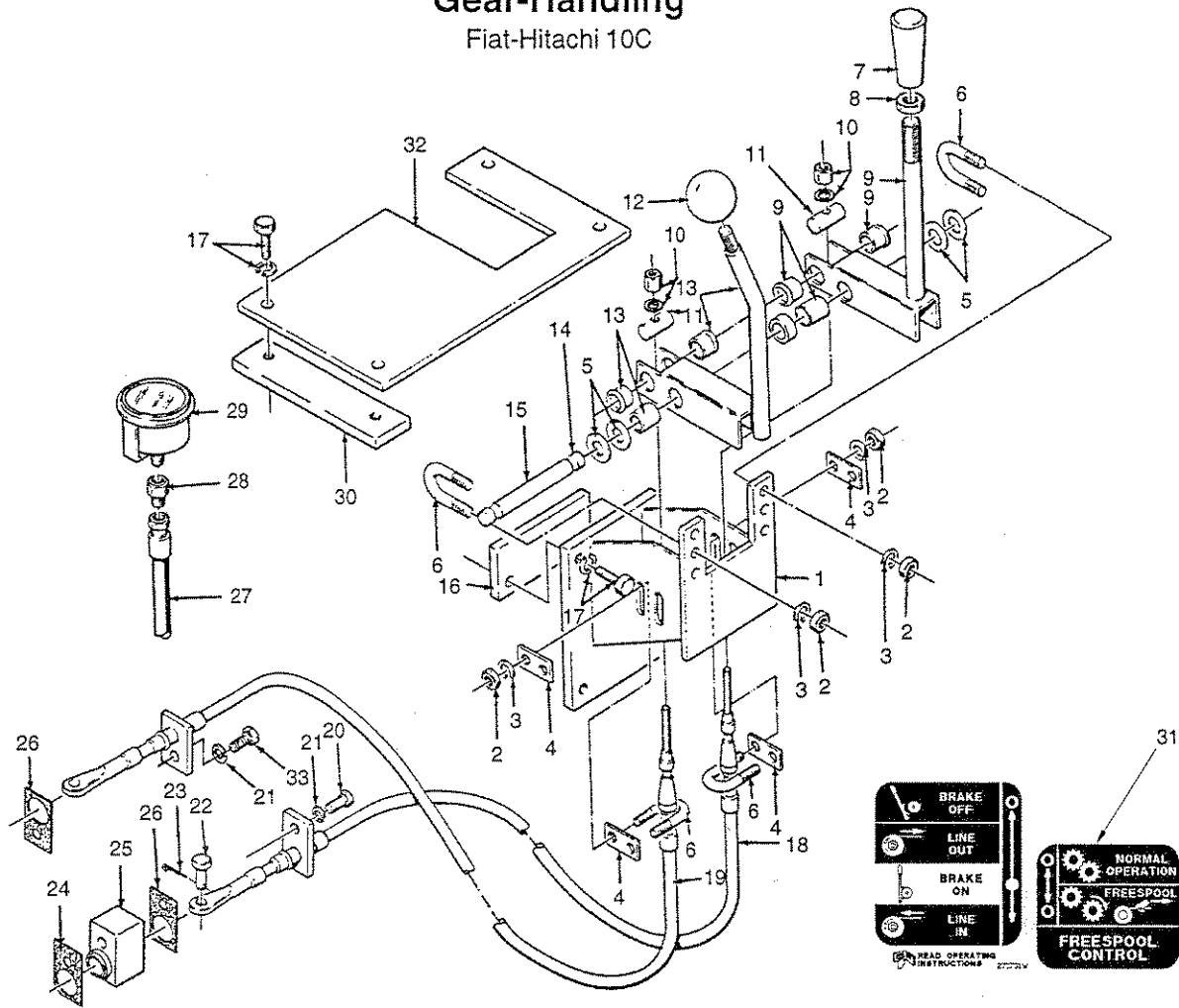
Filter-Hydraulic



Item	Description	Qty	Item	Part No.	Description	Qty
	279388W Filter Assembly					
	*a 2300183W Filter Assembly		4	55468W	. . O-Ring	1
1	----- . Head-Filter	1				
2	----- . Case	1	*a		First Used on S/N AW5B-1149	
3	3001363W . Element/O-Ring	1				

Gear-Handling

Fiat-Hitachi 10C

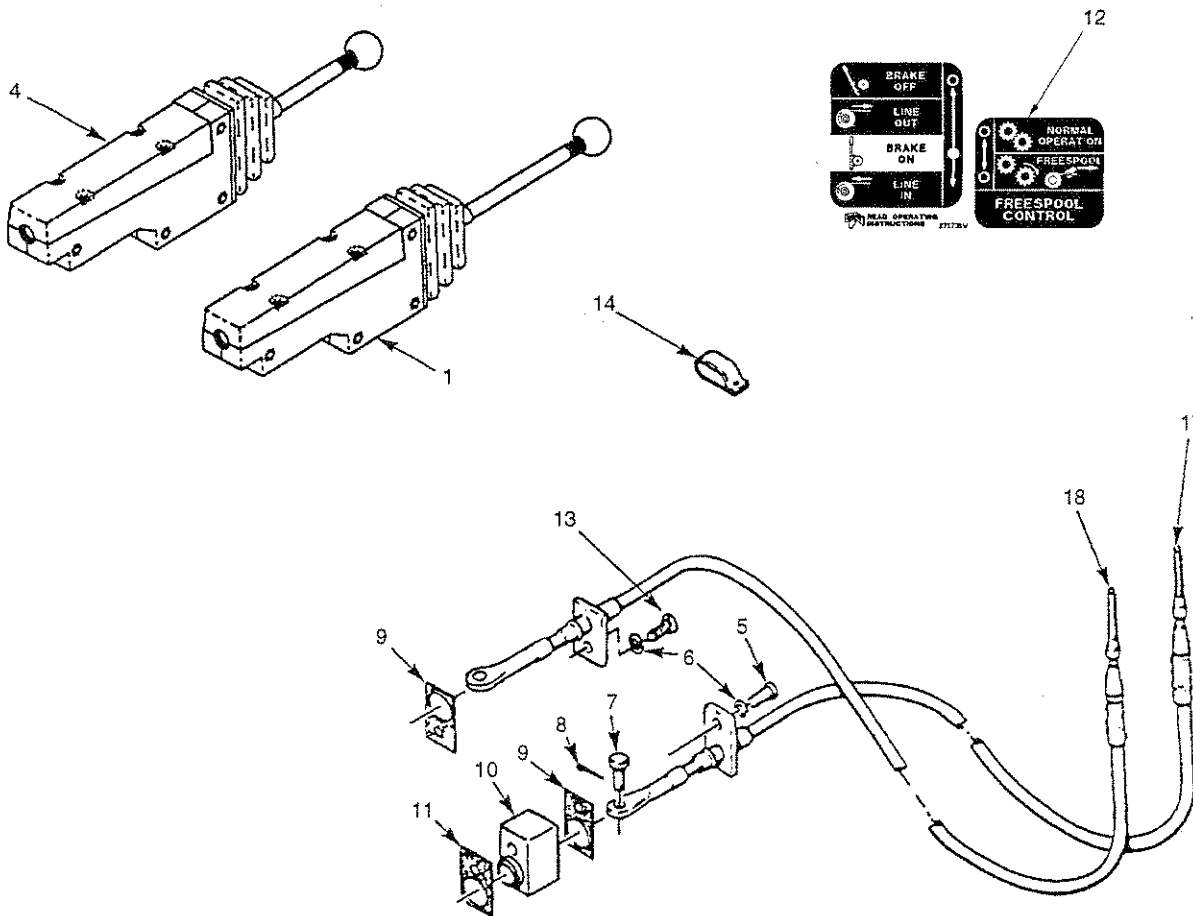


3A06

Item	Description	Qty	Item	Part No.	Description	Qty
1	283431W	1	17	15156W	Lockwasher	8
2	*d 15055W	8	18	*c 303939W	Cable	1
3	*d 15155W	8	19	*b 303941W	Cable	1
4	*d 196130W	4	20	18590W	Capscrew	1
5	15135W	4	21	15158W	Lockwasher	2
6	*d 196129W	4	22	139W	Pin	1
7	196469W	1	23	15212W	Pin-Cotter	1
8	15030W	1	24	*a 299024W	Gasket	1
9	*c 276031W	1	25	299023W	Spacer	1
9	196144W	1	26	*a 303946W	Gasket	2
9	276043W	1	27	165504W	Hose	1
10	15106W	2	28	14712W	Fitting	1
10	18425W	1	29	192407W	Gauge-Oil Pressure	1
11	196128W	2	30	287029W	Plate	1
12	243189W	1	31	271731W	Decal	1
13	*b 276032W	1	32	287028W	Cover	1
13	196144W	2	33	16830W	Capscrew	1
13	276043W	1				
14	276081W	1				
15	77418W	1	*a	Included in Gasket Kit 299017W		
16	283430W	1	*b	Freespool		
17	16805W	8	*c	Control		
			*d	Included in 2300995W U-Bolt kit		

Gear-Handling

Fiat-Hitachi 8B FD9 FL9 FL10E and FD10E

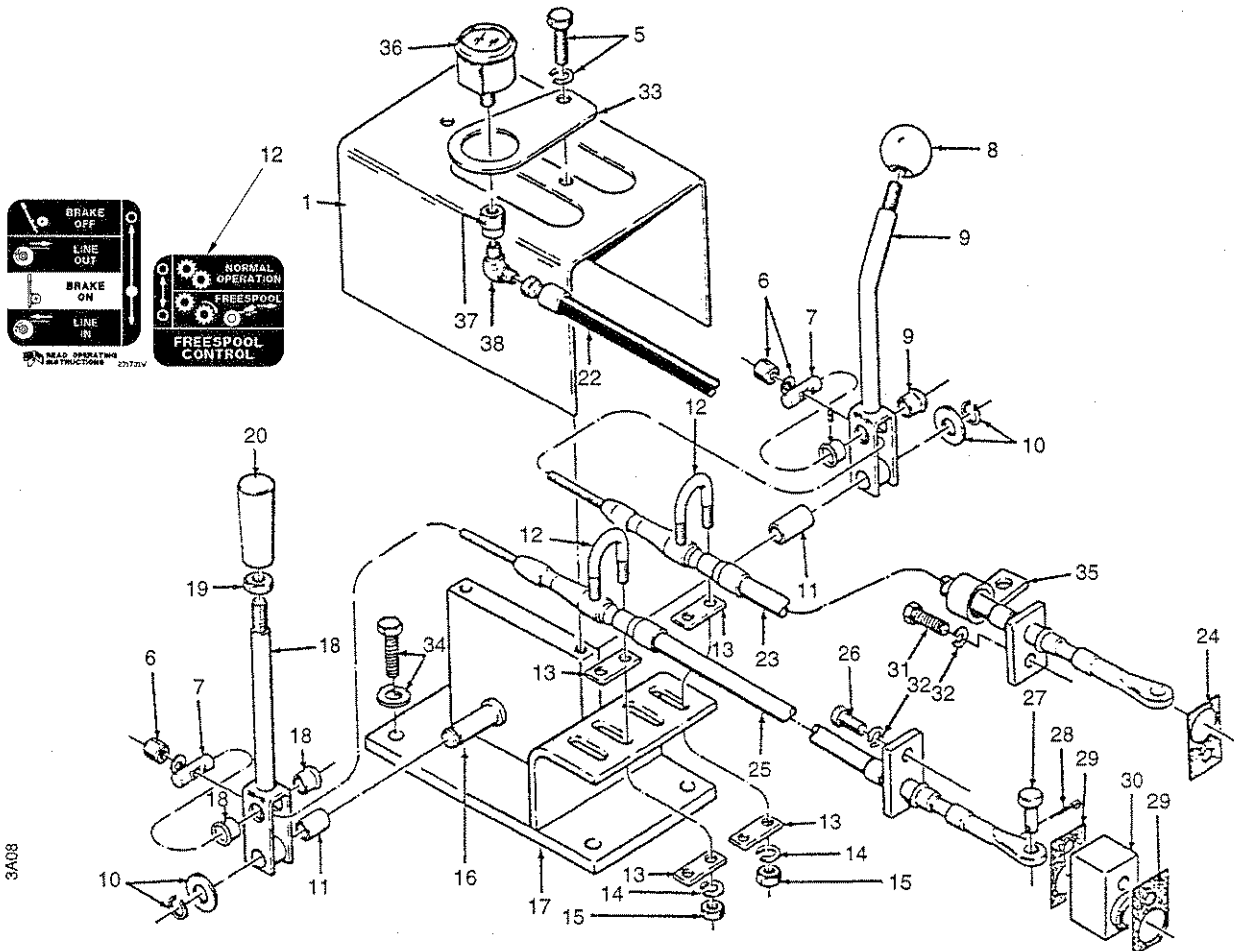


3A07

Item		Description	Qty	Item	Part No.	Description	Qty
1	1300785W	Handlever (See 3-22)	1	14	110322W	Clamp	2
4	383880W	Handlever (See 3-21)	1	17	*d*e 303939W	Cable	1
5	18590W	Capscrew	2	17	*a*e 303945W	Cable-Push-Pull	1
6	15158W	Lockwasher	1	18	*b*d 303941W	Cable	1
7	139W	Pin	1	18	*b*e 303945W	Cable-Push-Pull	1
8	15212W	Pin-Cotter	1				
9	*c 303946W	Gasket	2		*a	Control	
10	299023W	Spacer	1		*b	Freespool	
11	*c 299024W	Gasket	1		*c	Included in Gasket Kit 299017W	
12	271731W	Decal	1		*d	Fiat-Hitachi 8B FD9 and FL9	
13	16830W	Capscrew	1		*e	Fiat-Hitachi FL10E FD10E	

Gear-Handling

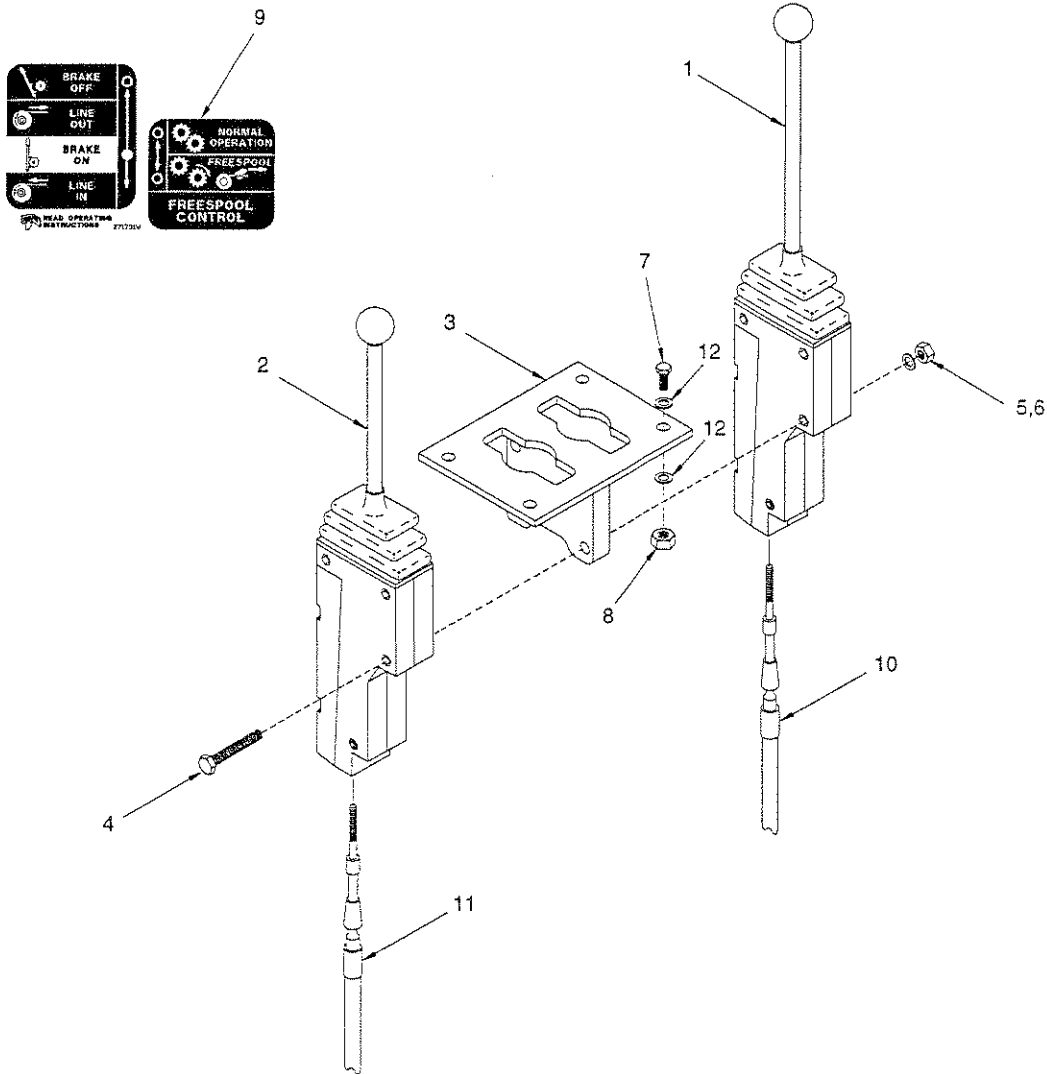
Komatsu D41A/P D41A-3 D45 D53 D58 D63 and Case



Item	Description	Qty	Item	Part No.	Description	Qty
	332236W Handlever With Freespool					
1	332822W . Cover	1	24	*a 303946W	Gasket	2
5	16836W . Capscrew	2	25	*c*d 303942W	Cable	1
5	15155W . Lockwasher	2	25	*c*f 303941W	Cable	1
6	15106W . Locknut	2	25	*c*f 303939W	Cable	1
6	18425W . Lockwasher	2	26	18590W	Capscrew	1
7	196128W . Pin	2	27	139W	Pin	1
8	243189W . Knob	1	28	15212W	Pin-Cotter	1
9	*b 276037W . Lever	1	29	*a 299024W	Gasket	1
	196144W . . Bushing	2	30	299023W	Spacer	1
	276043W . . Bushing	1	31	16830W	Capscrew	1
10	15135W . Washer-Flat	2	32	15158W	Lockwasher	2
10	190930W . Ring-Snap	2	33	*h 333992W	Bracket-Gauge	1
11	271746W . Spacer	2	34	16597W	Capscrew	4
12	*g 196129W . Bolt-U	2	34	15156W	Lockwasher	4
13	*g 196130W . Spacer	4	35	128408W	Clamp	1
14	*g 15155W . Lockwasher	4	36	*h 192407W	Gauge-Oil Pressure	1
15	*g 15055W . Nut	4	37	*h 14345W	Fitting	1
16	276041W . Pin	1	38	*h 14516W	Fitting	1
17	332823W . Bracket	1				
18	*c 276036W . Lever	1		*a	Included in Gasket Kit 299017W	
	196144W . . Bushing	2		*b	Freespool	
	276043W . . Bushing	1		*c	Control	
19	15030W . Nut-Jam	1		*d	Komatsu	
20	196469W . Knob	1		*f	Case	
21	271731W . Decal	1		*g	Included in 2300995W U-Bold kit	
22	*h 205004W . Hose	1		*h	Last Used on AW5B-1000	
23	*b*d*f 303943W . Cable	1				

Gear-Handling

Komatsu D41E-6

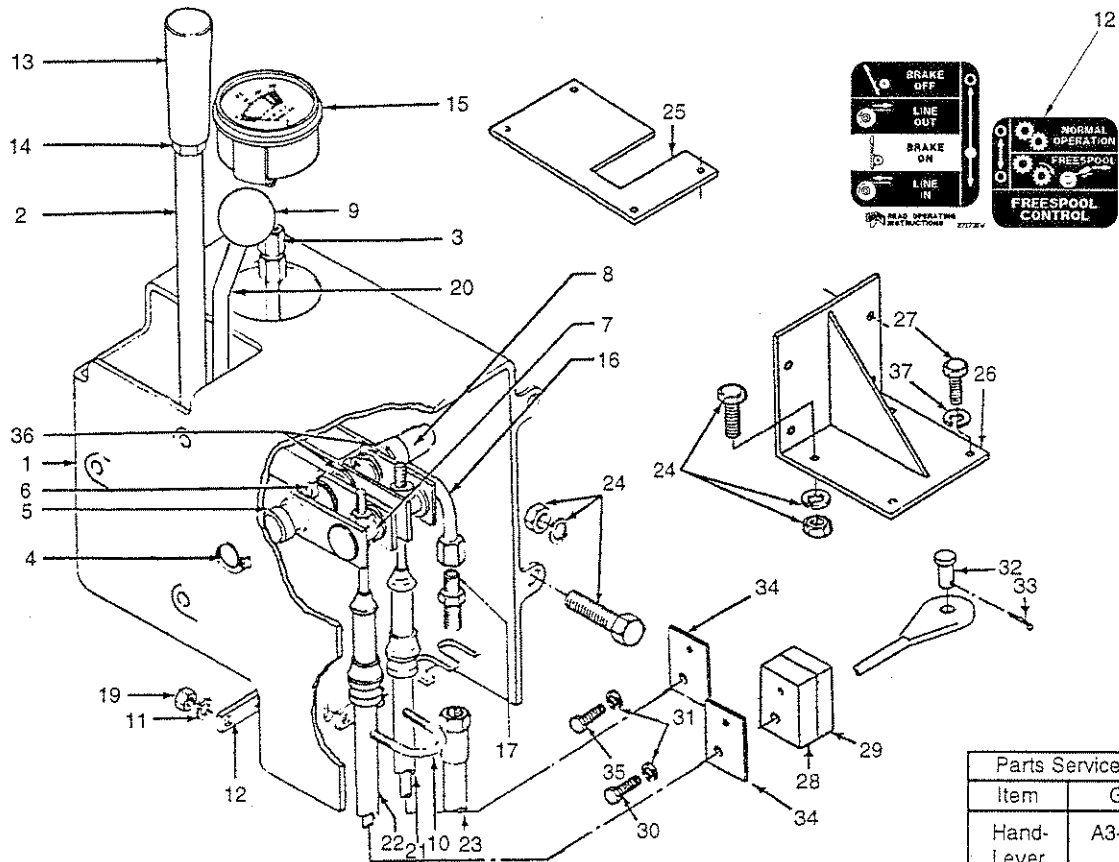


3A19

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	1300785W	Handlever - Control (see 3-22)	1	8	221707W	Nut	2
2	383880W	Handlever - Freespool (see 3-21)	1	9	271731W	Decal	1
3	2301030W	Bracket	1	10	303944W	Cable - Control	1
4	2301054W	Capscrew	3	11	303944W	Cable - Freespool	1
5	221703W	Nut	3	12	15134W	Washer	8
6	15127W	Washer	3	13	2301055W	Trim (Not Illustrated)	A/R
7	16828W	Capscrew	2				

Gear-Handling

Caterpillar D4E D4D D5B D5E and Dresser
Last Used During 1993



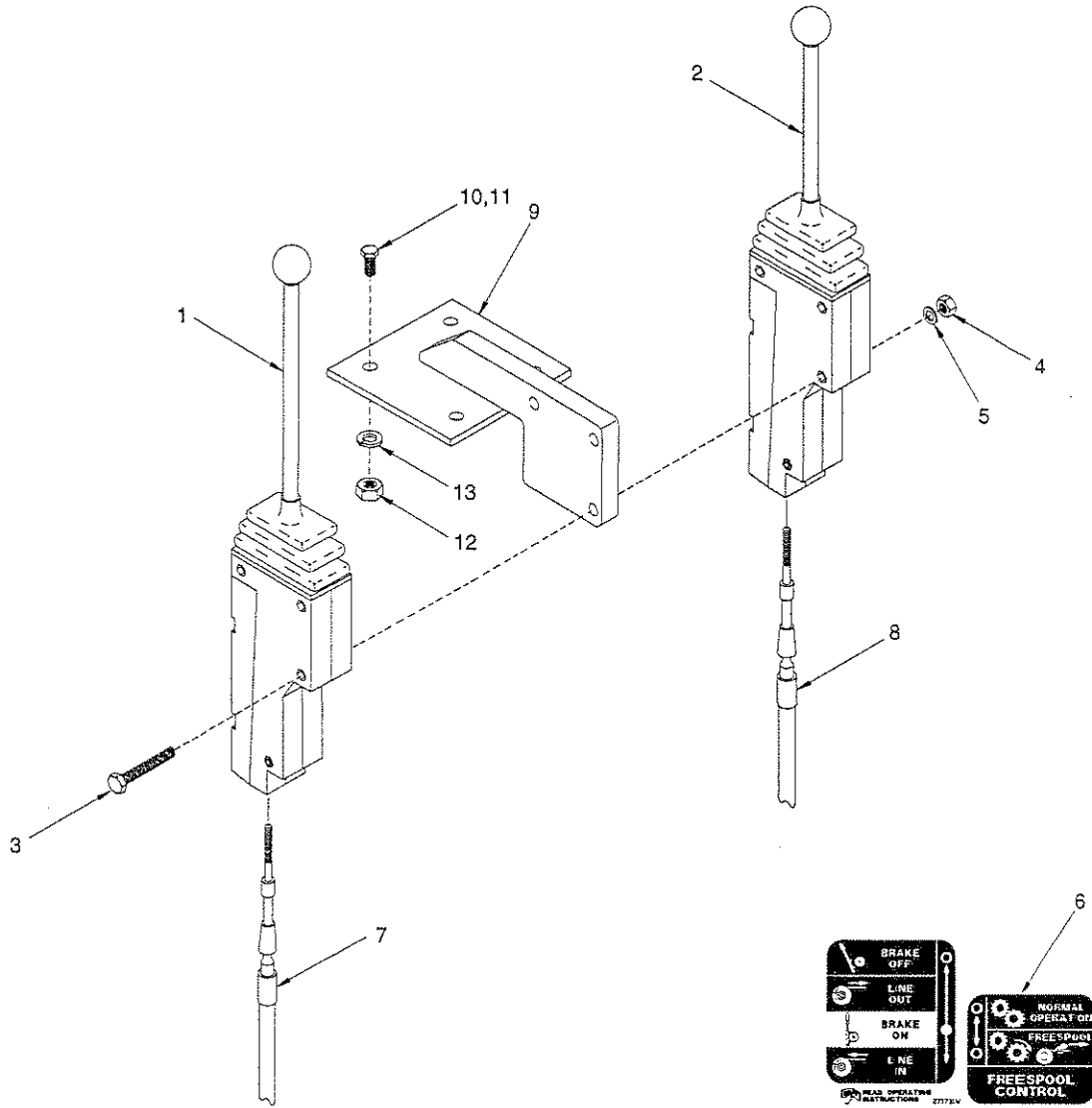
3A09

Parts Service Gram	
Item	Gram
Hand-Lever	A3-C-6 R2

Item	Description	Qty	Item	Part No.	Description	Qty
	227468W					
1	196114W	1	23	*a 165504W	Hose	1
2	*e 276031W	1	23	*b 146296W	Hose	1
2	196144W	2	23	*c 205006W	Hose	1
2	276043W	1		15056W	Nut	6
3	14712W	1	24	15156W	Lockwasher	6
4	276041W	1	24	*a 16816W	Capscrew	6
5	15135W	3	24	*b*c 16805W	Capscrew	4
6	15225W	2	25	*b 281881W	Plate-Cover	1
7	196128W	2	26	*a 308402W	Bracket-Lever	1
8	271746W	1	26	*c 338845W	Bracket-Lever	1
9	243189W	1	26	*c 143413W	Grommet	1
10	*g 196129W	2	27	*a 16828W	Capscrew	2
11	*g 15155W	4	28	299023W	Spacer	1
12	*g 196130W	4	29	*f 299024W	Gasket	1
13	196469W	1	30	18590W	Capscrew	1
14	15030W	1	31	15158W	Lockwasher	2
15	192407W	1	32	139W	Pin	1
16	196134W	1	33	15212W	Pin-Cotter	1
17	16445W	1	34	*f 303946W	Gasket	2
18	391016W	2	35	16830W	Capscrew	1
19	*g 15055W	4	36	271731W	Decal	1
20	*d 276032W	1	37	*a 15156W	Lockwasher	2
20	196144W	2				
20	276043W	1				
21	*a*d 303940W	1		*a	Caterpillar D4D and D4E	
21	*b*d 303941W	1		*b	Caterpillar D5B	
21	*c*d 303943W	1		*c	Dresser	
21	*b*e 303938W	1		*d	Freespool	
22	*c*e 303942W	1		*e	Control	
22	*a*c 303940W	1		*f	Included in Gasket Kit 299017W	
				*g	Included in 2300995W U-Bolt kit	

Gear-Handling

Caterpillar D4D and D4E
First used During 1993

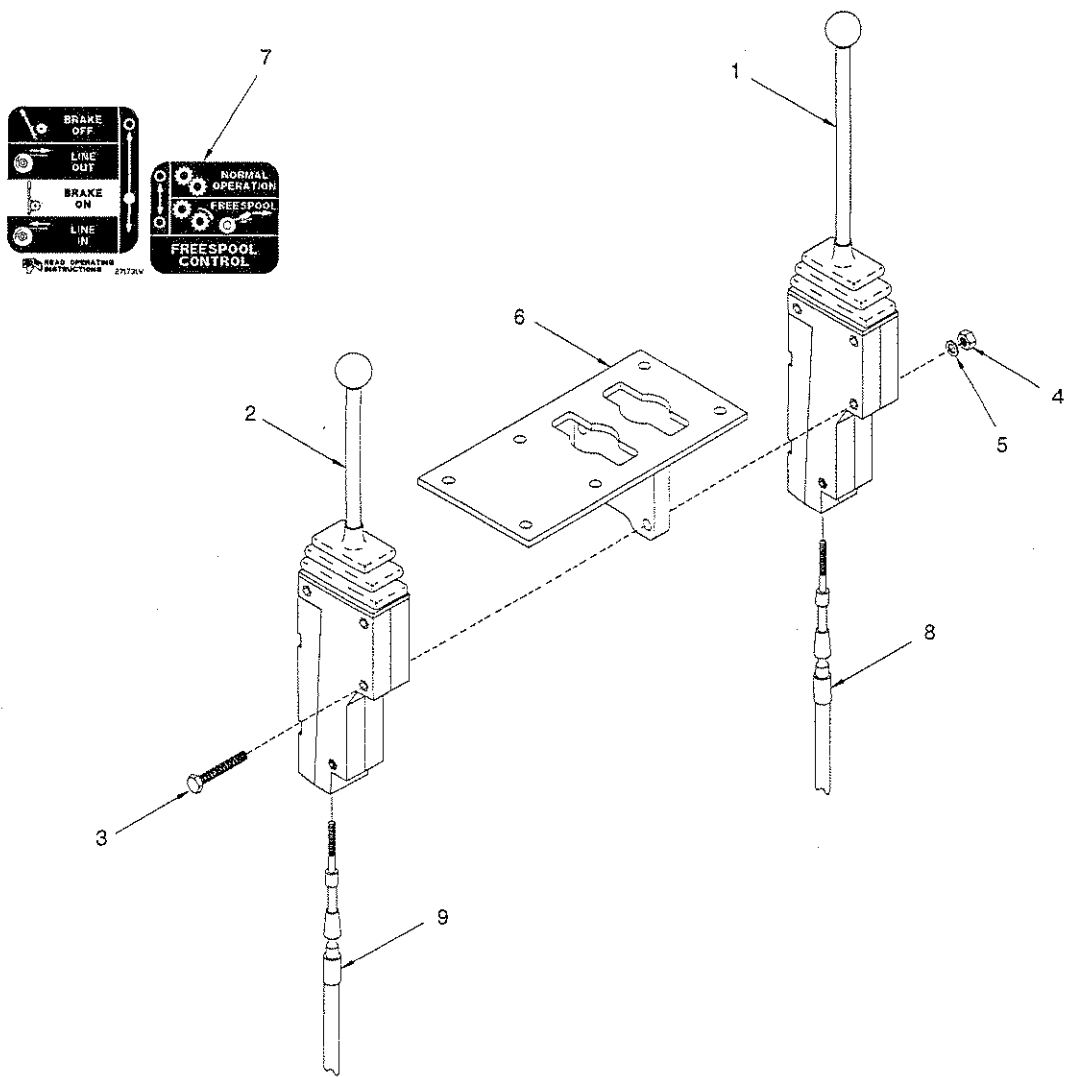


3A15

Item	Description	Qty	Item	Part No.	Description	Qty
1	1300785W	1	8	303940W	Cable - Freespool	1
2	383880W	1	9	2301000W	Bracket	1
3	18528W	3	10	16816W	Capscrew	2
4	194534W	3	11	16828W	Capscrew	2
5	18515W	3	12	15056W	Nut	4
6	271731W	1	13	15156W	Lockwasher	4
7	303974W	1				

Gear-Handling

Caterpillar D5B and D5E
First Used During 1993

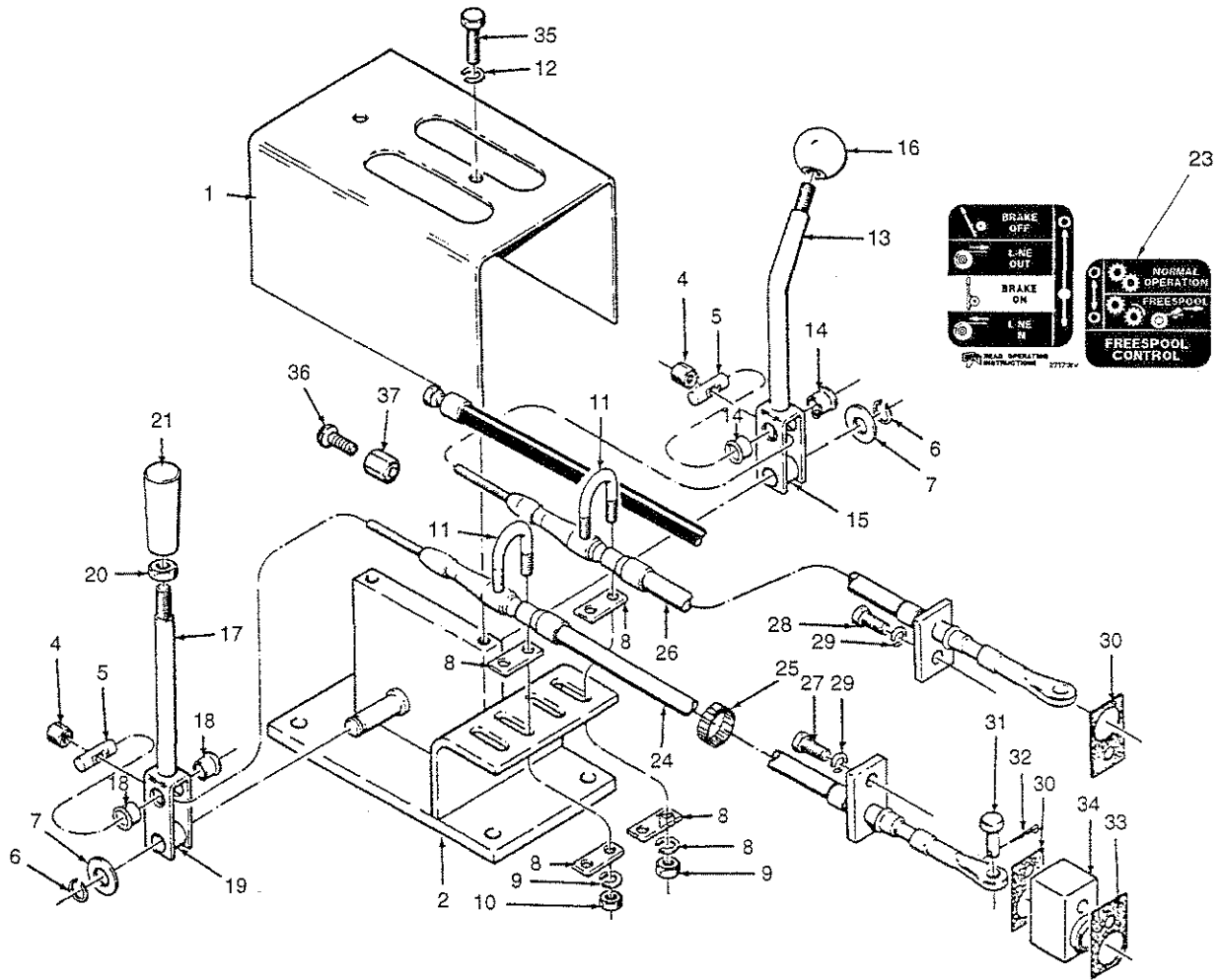


3A14

Item	Description	Qty	Item	Part No.	Description	Qty
1	1300785W	1	6	2300326W	Bracket	1
2	383880W	1	7	271731W	Decal	1
3	18528W	3	8	303938W	Cable - Control	1
4	191534W	3	9	303941W	Cable - Freespool	1
5	18515W	3				

Gear-Handling

Caterpillar D4H D5H D5M D6M and D6H with Young Grapple



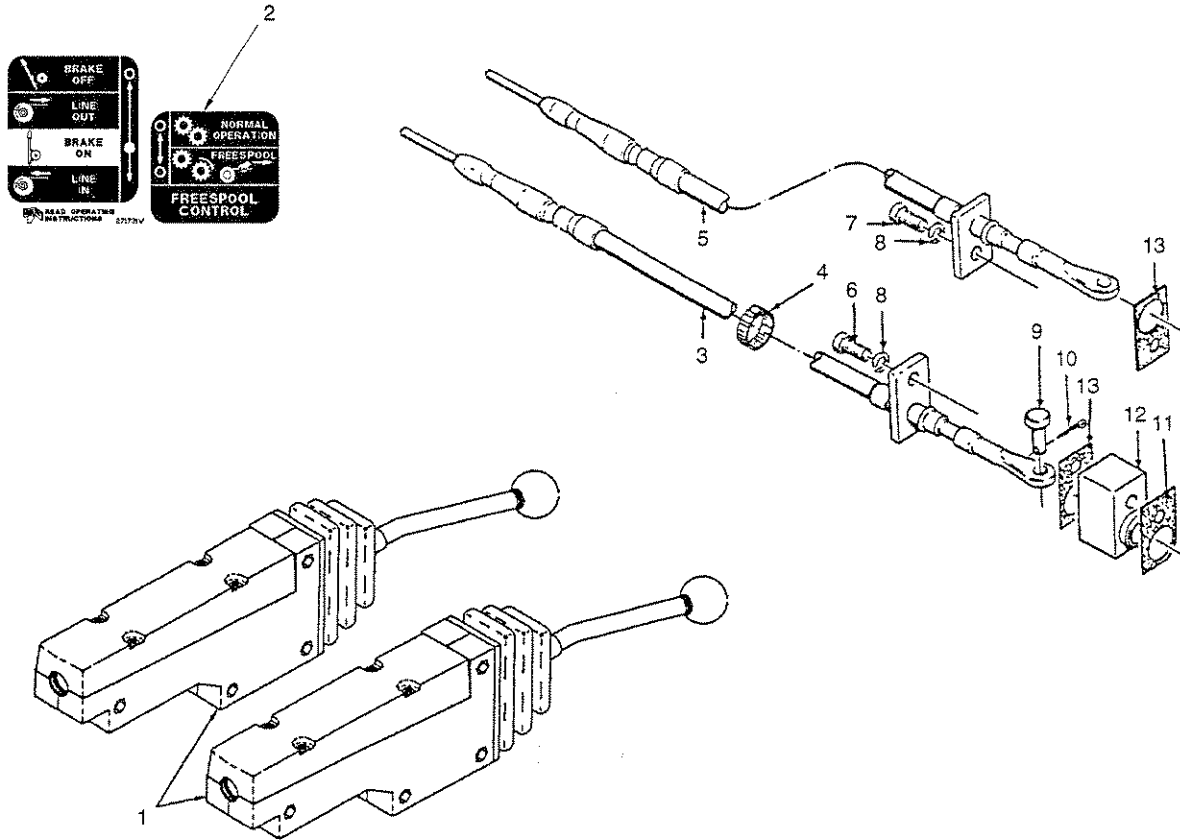
3A11

A - Cat D4H D5H D5M and D6M
 B - Cat D6H with Young Grapple

Item	Part No.	Description	A	B	Item	Part No.	Description	A	B
1	332822W	Cover	1	1	23	271731W	Decal	1	1
2	381193W	Bracket	1	--	24	*b 303944W	Cable	1	--
2	332823W	Bracket	--	1	24	*b 303941W	Cable	--	1
4	2301487W	Nut-Tall	2	2	25	129563W	Clamp	1	1
5	196128W	Pin	2	2	26	*a 303942W	Cable	1	--
6	190930W	Ring-Snap	2	2	26	*a 303941W	Cable	--	1
7	15135W	Washer-Flat	2	2	27	18590W	Capscrew	1	1
8	*d 196130W	Spacer	4	4	28	16830W	Capscrew	1	1
9	*d 15155W	Lockwasher	4	4	29	15158W	Lockwasher	2	2
10	*d 15055W	Nut	4	4	30	*c 303946W	Gasket	2	2
11	*d 196129W	U-Bolt	2	2	31	139W	Pin	1	1
12	15155W	Lockwasher	2	2	32	15212W	Pin-Cotter	1	1
13	*a 276037W	Lever	1	1	33	*c 299024W	Gasket	1	1
14	196144W	. Bushing	2	2	34	299023W	Spacer	1	1
15	276043W	. Bushing	1	1	35	16836W	Capscrew	2	2
16	243189W	Knob	1	1					
17	*b 276036W	Lever	1	1	*a	Freespool			
18	196144W	. Bushing	2	2	*b	Control			
19	276043W	. Bushing	1	1	*c	Included in Gasket Kit 299017W			
20	15030W	Nut-Jam	1	1	*d	Included in 2300995W U-Bolt Kit			
21	196469W	Knob	1	1					

Gear-Handling

Caterpillar D6H with Esco Grapple

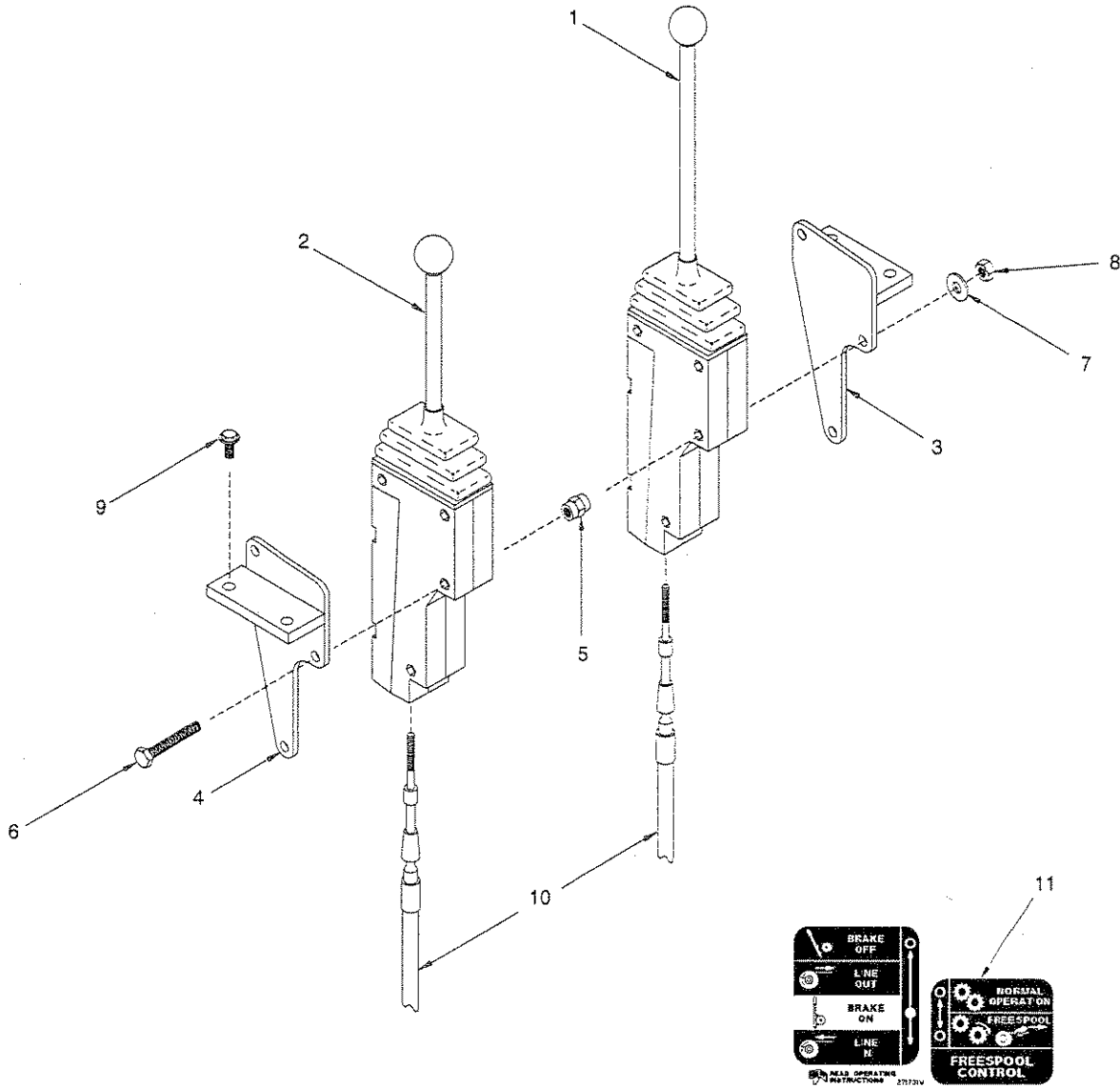


3A12

Item	Description	Qty	Item	Part No.	Description	Qty	
1	388634W	Handlever (See 3-24)	2	10	15212W	Pin-Cotter	1
2	271731W	Decal	1	11	*c 299024W	Gasket	1
3	*b 303941W	Cable	1	12	299023W	Spacer	1
4	129563W	Clamp	1	13	*c 303946W	Gasket	2
5	*a 303941W	Cable	1				
6	18590W	Capscrew	1				
7	16830W	Capscrew	1	*a	Freespool		
8	15158W	Lockwasher	2	*b	Control		
9	139W	Pin	1	*c	Included in Gasket Kit 299017W		

Gear-Handling

Caterpillar Challenger 65/75

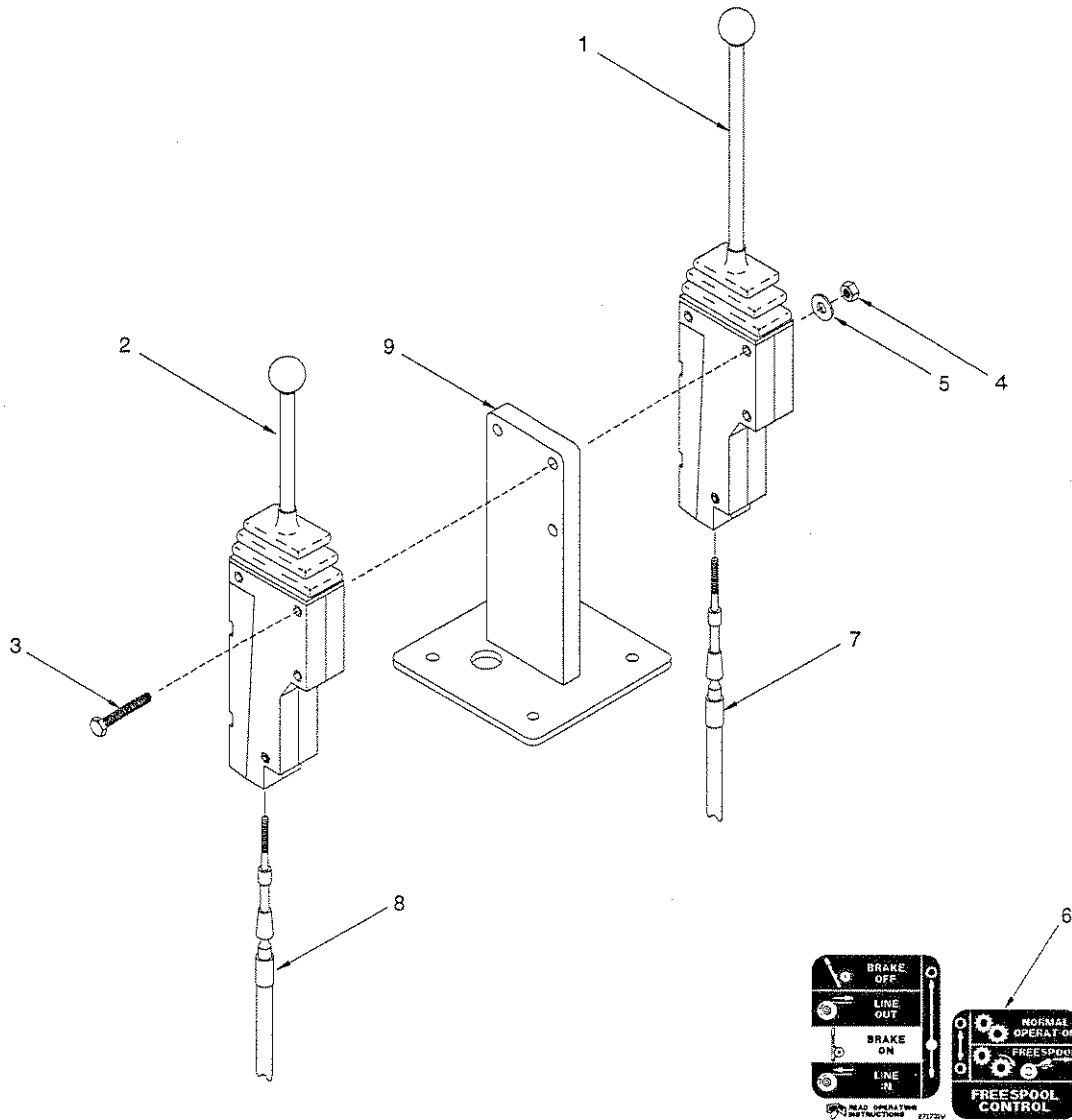


3A16

Item	Description	Qty	Item	Part No.	Description	Qty
	1321651W Handlever Assembly					
1	1300785W . Handlever - Control (See 3-21)	1	7	15155W	. Washer	3
2	383880W . Handlever - Freespool (See 3-22)	1	8	15055W	. Nut	3
3	1308437W . Bracket RH	1	9	-----	Capscrew	4
4	1308436W . Bracket LH	1	10	303945W	Cable	2
5	16168W . Spacer	3	11	271731W	Decal	1
6	18530W . Capscrew	3				

Gear-Handling

Dresser TD-12B
First Used During 1993

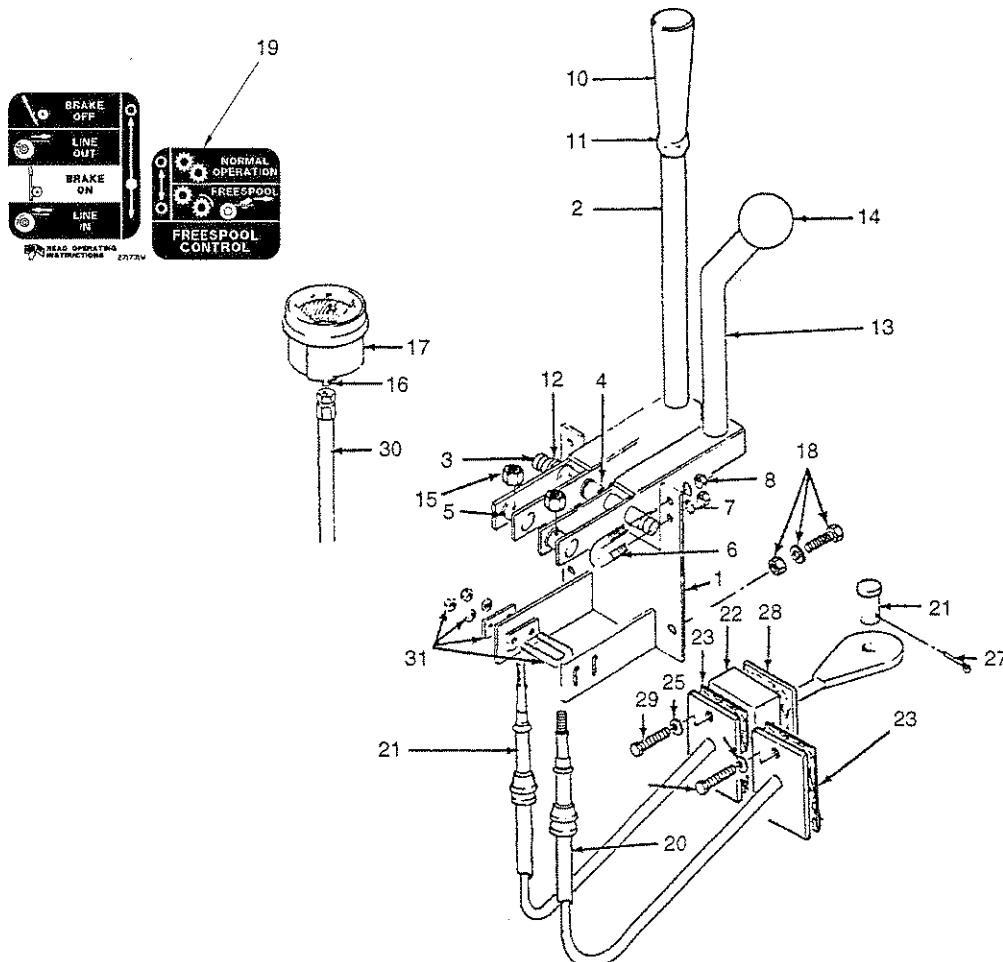


3A13

Item	Description	Qty	Item	Part No.	Description	Qty
1	1300785W	1	6	271731W	Decal	1
2	383880W	1	7	303942W	Cable - Control	1
3	18528W	3	8	303943W	Cable - Freespool	1
4	194534W	3	9	2300369W	Bracket	1
5	18515W	3				

Gear-Handling

John Deere 750 and 750B without Cab

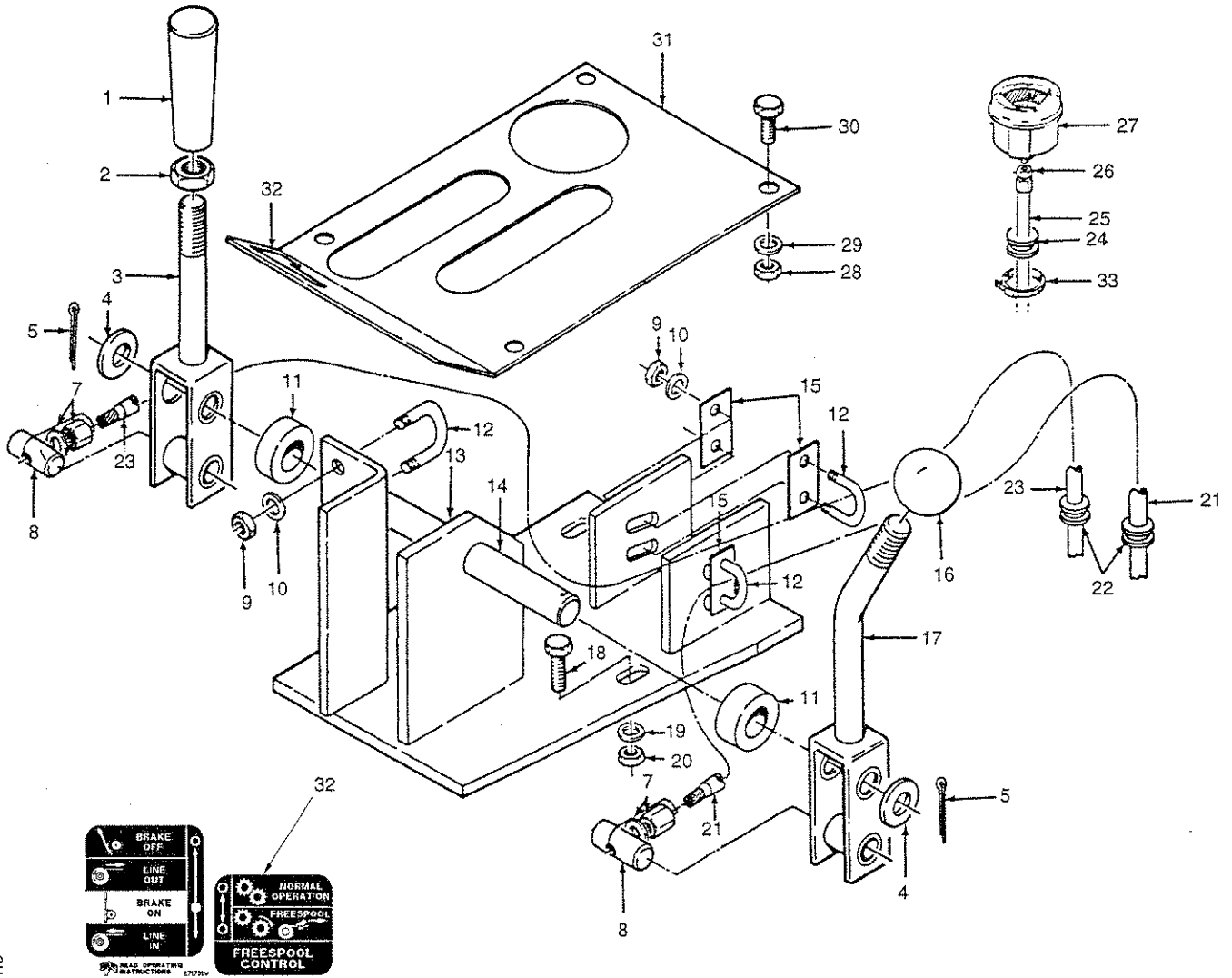


3A10

Item	Description	Qty	Item	Part No.	Description	Qty
1	264052W	1			Handlever Assembly	
	261567W	1	18	15156W	Lockwasher	4
2	*c 276031W	1	18	15056W	Nut	4
2	196144W	2	19	271731W	Decal	1
2	276043W	1	20	*b 303941W	Cable	1
3	276081W	1	21	*c 303939W	Cable	1
4	77418W	1	22	299023W	Spacer	1
5	196128W	2	23	*a 303946W	Gasket	2
6	196129W	2	24	18590W	Capscrew	1
7	15155W	4	25	15158W	Lockwasher	1
8	15055W	4	26	139W	Pin	1
10	196469W	1	27	15212W	Pin-Cotter	1
11	15030W	1	28	*a 299024W	Gasket	1
12	15135W	4	29	16830W	Capscrew	1
13	*b 276032W	1	30	*d 165505W	Hose	1
13	196144W	1	31	2300995W	U-Bolt Kit	2
13	276043W	1				
14	243189W	1				
15	2301487W	2				
16	*d 14712W	1				
17	*d 192407W	1				
18	16805W	4				

Gear-Handling

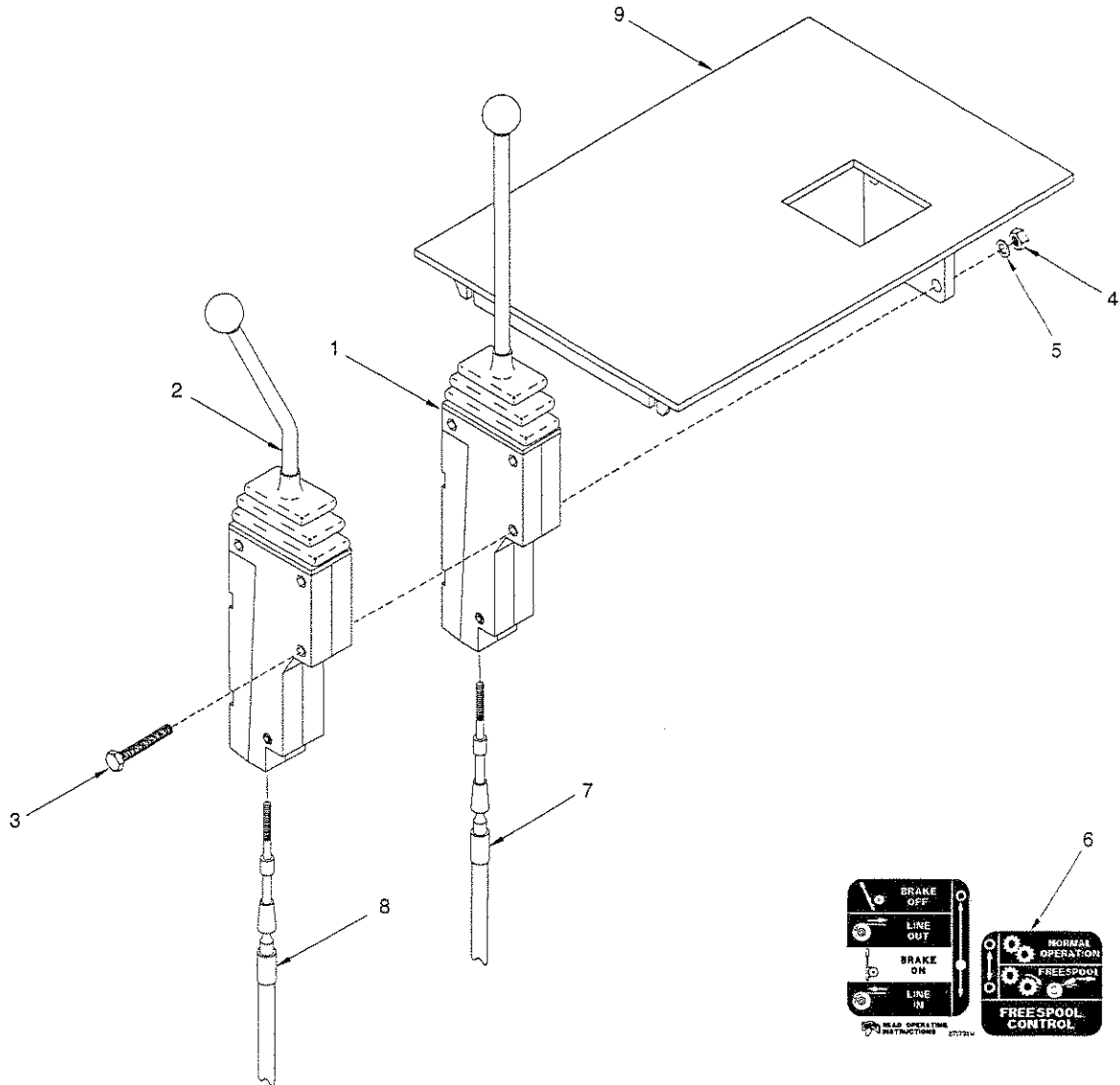
John Deere 750/750B with Cab



Item	Description	Qty	Item	Part No.	Description	Qty	
1	196469W	Knob	1	18	18497W	Capscrew	4
2	15030W	Nut-Jam	1	19	15155W	Lockwasher	4
3	335468W	Lever	1	20	15055W	Nut	4
3	276043W	. Bushing	1	21	303939W	Cable	1
4	15135W	Washer-Flat	2	22	69727W	Grommet	2
5	15225W	Pin-Cotter	2	23	303941W	Cable	1
7	2301487W	Locknut	2	24	*a 239419W	Grommet	1
8	196128W	Pin	2	25	*a 398890W	Hose	1
9	15055W	Nut	2	26	*a 14516W	Fitting	1
10	15155W	Lockwasher	2	27	*a 192407W	Gauge-Oil Press	1
11	391016W	Washer	2	28	15054W	Nut	3
12	196129W	U-Bolt	1	29	15154W	Lockwasher	3
13	336854W	Bracket	1	30	18460W	Capscrew	3
14	335470W	Pin	1	31	388613W	Cover	1
15	196130W	Spacer	4	32	271731W	Decal	1
16	243189W	Knob	1	33	*a 114312W	Clamp Strap	1
17	336858W	Lever	1				
17	276043W	. Bushing	1	*a	Last used on AW5B-1001		

Gear-Handling

John Deere 750C

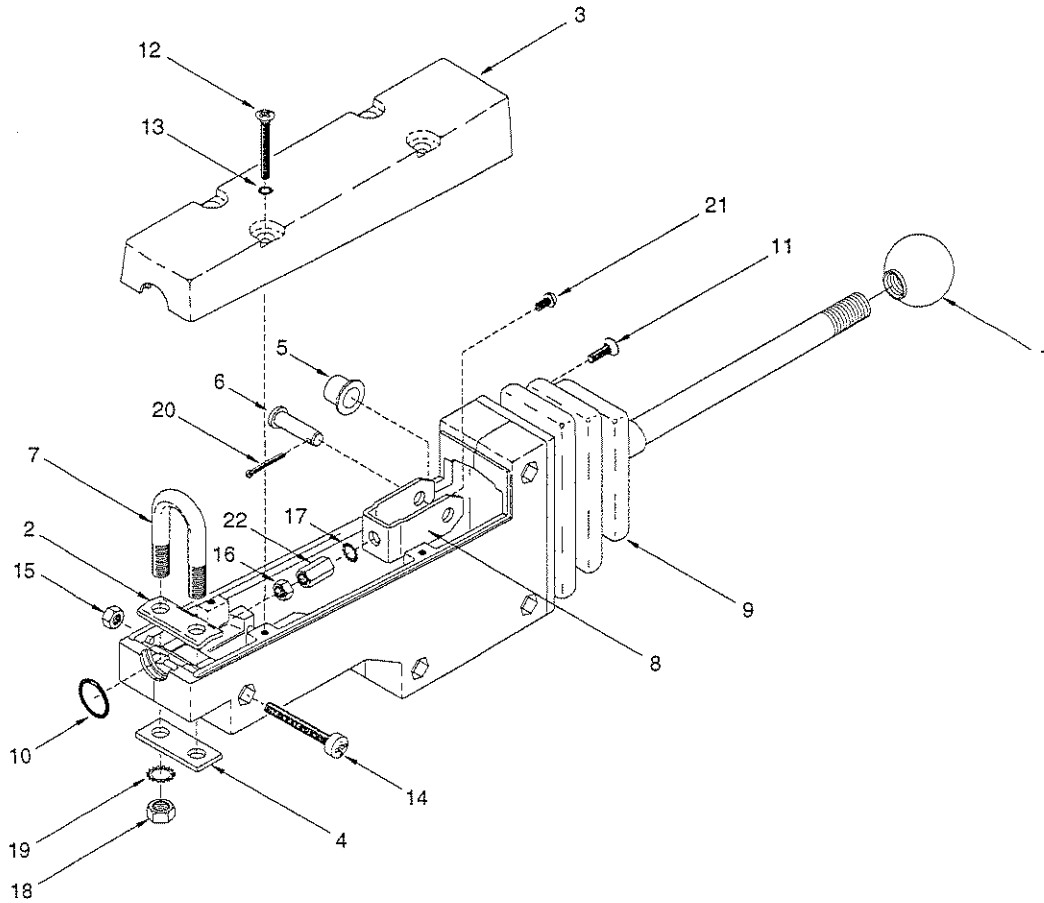


3A17

Item	Description	Qty	Item	Part No.	Description	Qty
1	1300785W	1	6	271731W	Decal	1
2	2301845W	1	7	303945W	Cable - Control	1
3	18526W	3	8	303945W	Cable - Freespool	1
4	191534W	3	9	2301834W	Bracket	1
5	18515W	3				

Gear-Handling

Control Lever

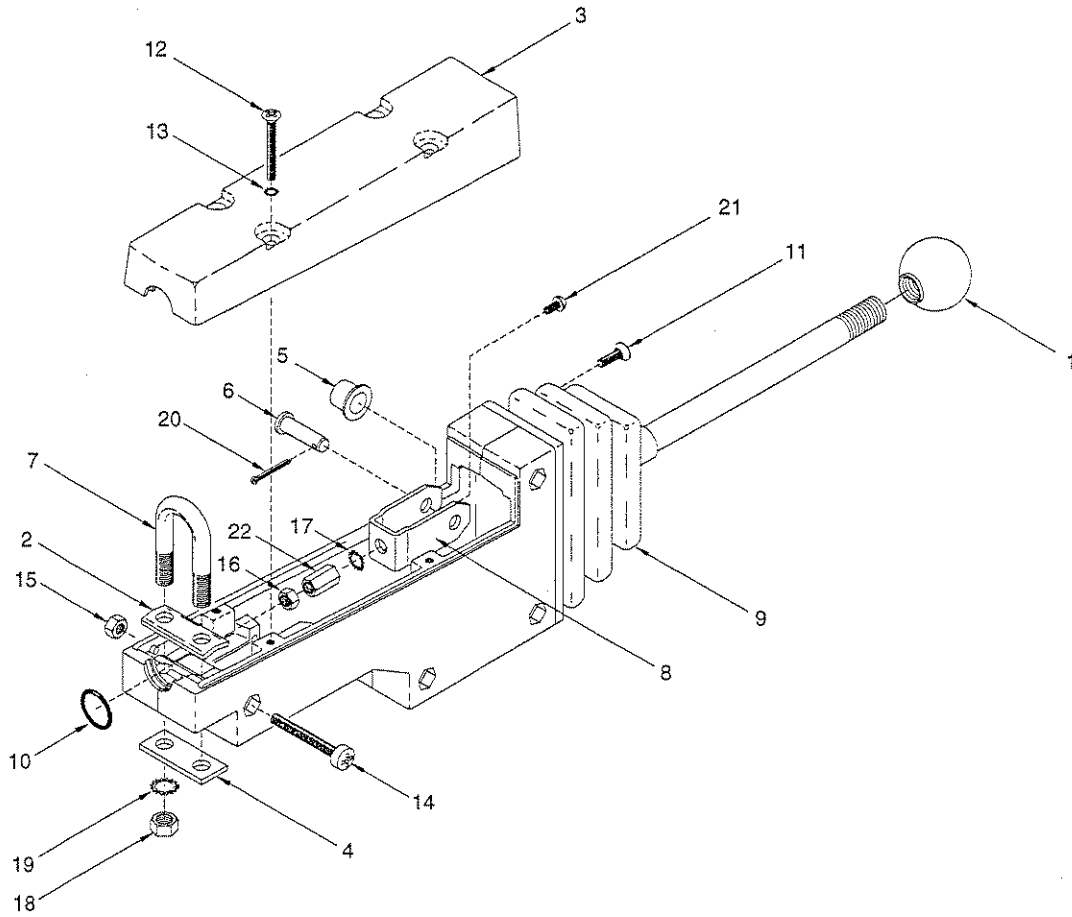


3A20

Item	Description	Qty	Item	Part No.	Description	Qty
	383880W Handlever - Control					
1	1302049W . Knob	1	12	1306002W	. Screw	4
2	1302048W . Clamp-Cable	1	13	221867W	. Lockwasher-Star	4
3	1302047W . Cover	1	14	1306001W	. Screw	1
4	1302046W . Clamp-Base	1	15	15024W	. Nut	1
5	1302045W . Bearing	2	16	15004W	. Nut	1
6	1302044W . Pin-Clevis	1	17	15923W	. Washer	1
7	1302043W . U-Bolt	1	18	15005W	. Nut	2
8	1302042W . Clevis	1	19	15932W	. Lockwasher	2
9	1302041W . Boot	1	20	1302039W	. Pin	1
10	1302040W . O-Ring	1	21	18717W	Capscrew-Button Head	1
11	1306003W . Screw	4	22	383881W	Nut-Tall	1

Gear-Handling

Control Lever

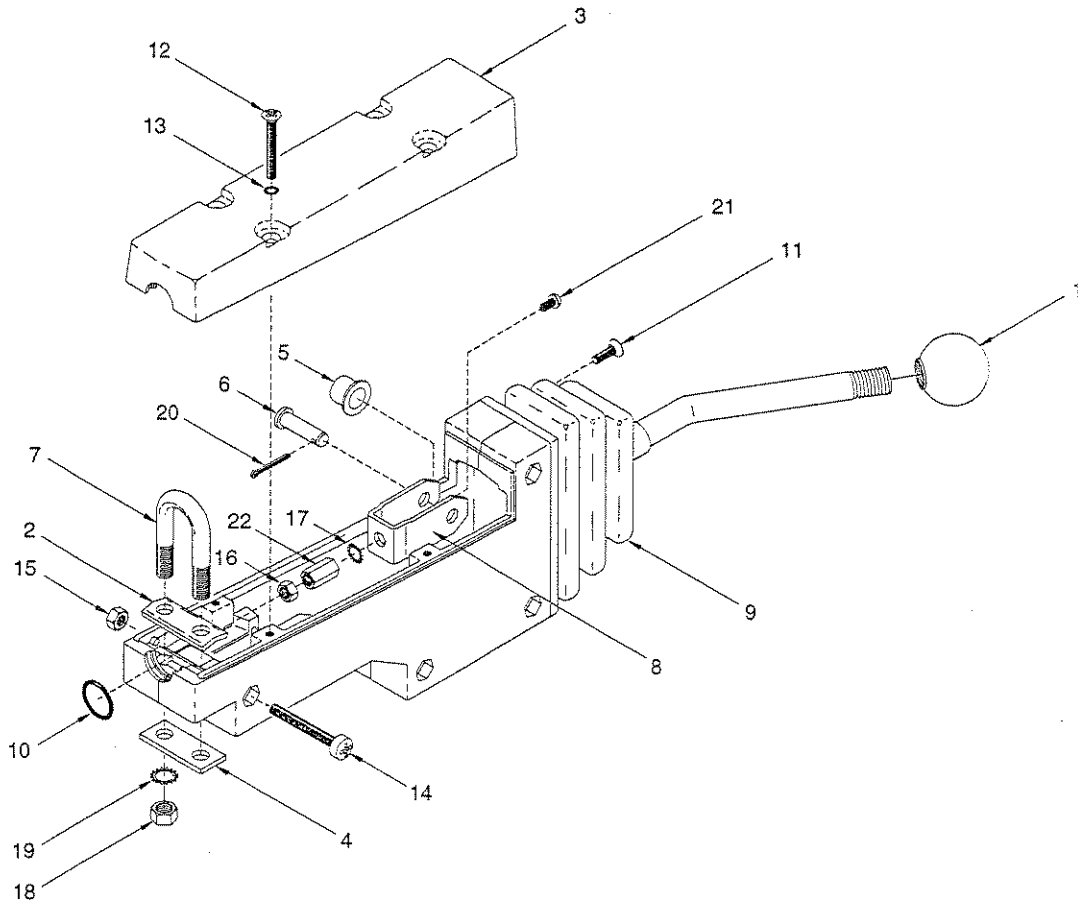


3A21

Item	Description	Qty	Item	Part No.	Description	Qty
	1300785W				Handlever - Control	
1	1302049W	1	12	1306002W	. Screw	4
2	1302048W	1	13	221867W	. Lockwasher-Star	4
3	1302047W	1	14	1306001W	. Screw	1
4	1302046W	1	15	15024W	. Nut	1
5	1302045W	2	16	15004W	. Nut	1
6	1302044W	1	17	15923W	. Washer	1
7	1302043W	1	18	15005W	. Nut	2
8	1302042W	1	19	15932W	. Lockwasher	2
9	1302041W	1	20	1302039W	. Pin	1
10	1302040W	1	21	18717W	Capscrew-Button Head	1
11	1306003W	4	22	383881W	Nut-Tall	1

Gear-Handling

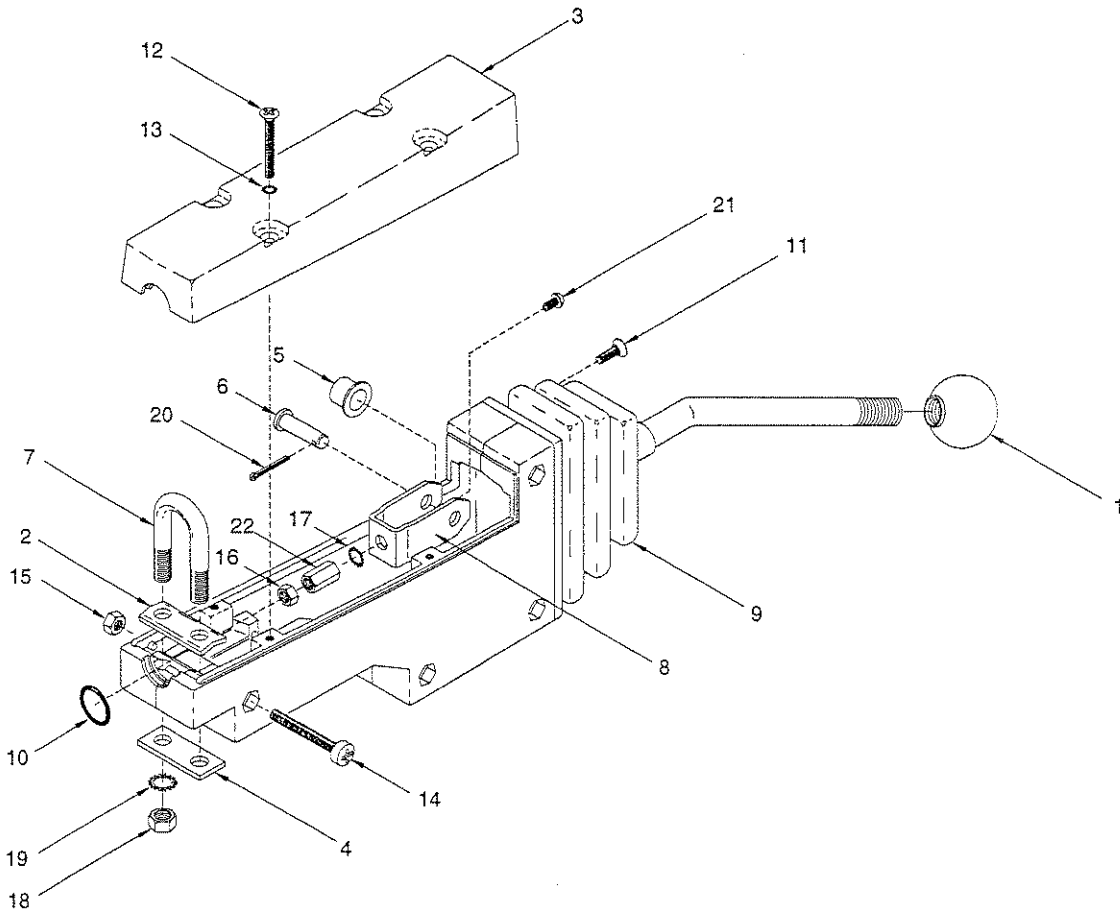
Control Lever



3A22

Item	Description	Qty	Item	Part No.	Description	Qty
	2301845W				Handlever - Control	
1	1302049W	1	12	1306002W	. Screw	4
2	1302048W	1	13	221867W	. Lockwasher-Star	4
3	1302047W	1	14	1306001W	. Screw	1
4	1302046W	1	15	15024W	. Nut	1
5	1302045W	2	16	15004W	. Nut	1
6	1302044W	1	17	15923W	. Washer	1
7	1302043W	1	18	15005W	. Nut	2
8	1302042W	1	19	15932W	. Lockwasher	2
9	1302041W	1	20	1302039W	. Pin	1
10	1302040W	1	21	18717W	Capscrew-Button Head	1
11	1306003W	4	22	383881W	Nut-Tail	1

Gear-Handling Control Lever



3A22

Item		Description	Qty	Item	Part No.	Description	Qty
	388634W	Handlever, Control					
1	1302049W	. Knob	1	12	1306002W	. Screw	4
2	1302048W	. Clamp-Cable	1	13	221867W	. Lockwasher-Star	4
3	1302047W	. Cover	1	14	1306001W	. Screw	1
4	1302046W	. Clamp-Base	1	15	15024W	. Nut	1
5	1302045W	. Bearing	2	16	15004W	. Nut	1
6	1302044W	. Pin-Clevis	1	17	15923W	. Washer	1
7	1302043W	. U-Bolt	1	18	15005W	. Nut	2
8	1302042W	. Clevis	1	19	15932W	. Lockwasher	2
9	1302041W	. Boot	1	20	1302039W	. Pin	1
10	1302040W	. O-Ring	1	21	18717W	Capscrew-Button Head	1
11	1306003W	. Screw	4	22	383881W	Nut-Tall	1

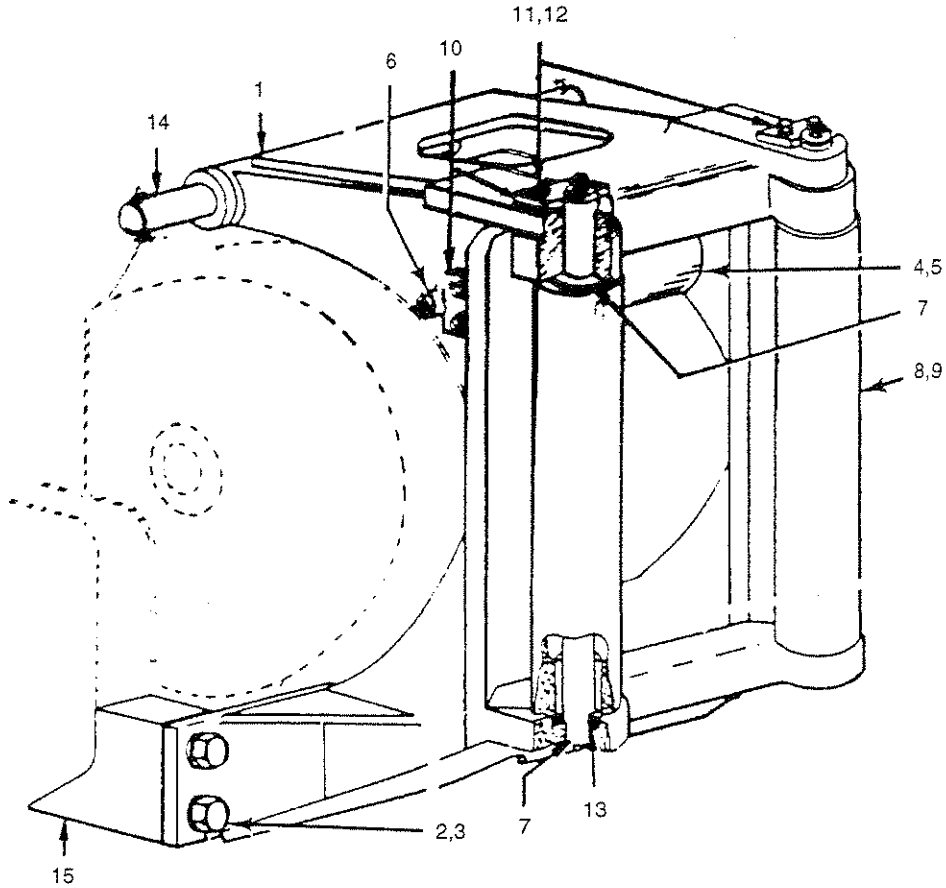
Optional

Drawbar	4-5
Fairlead	4-2 thru 4-3
Four-Roller Arch	4-4
Guard - Cable	4-5



Fairlead

Last used AW5B-1310

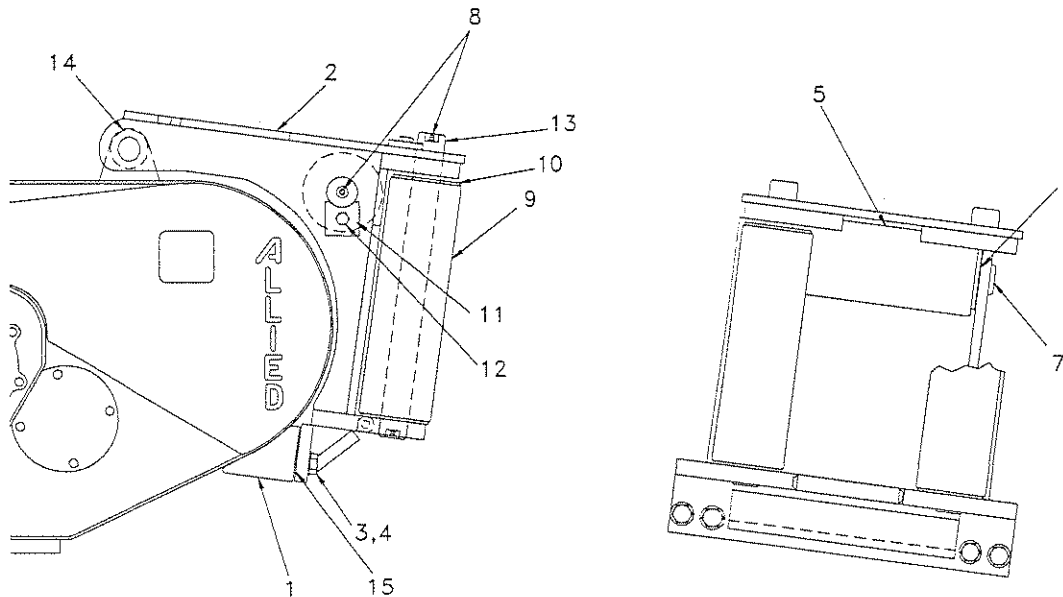


4A01

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	255092W	. Frame	1	9	308408W	. Washer	4
2	18623W	. Capscrew	4	10	93166W	. Keeper	3
3	15162W	. Lockwasher	4	11	16830W	. Capscrew	6
4	92212W	. Roller	1	12	15158W	. Lockwasher	6
5	92720W	. Washer	2	13	255076W	. Shaft	2
6	248796W	. Shaft	1	14	226649W	. Spacer	2
7	16001W	. Fitting-Grease	4	15	255075W	. Block-Mounting	2
8	59846W	. Roller	2				

Fairlead

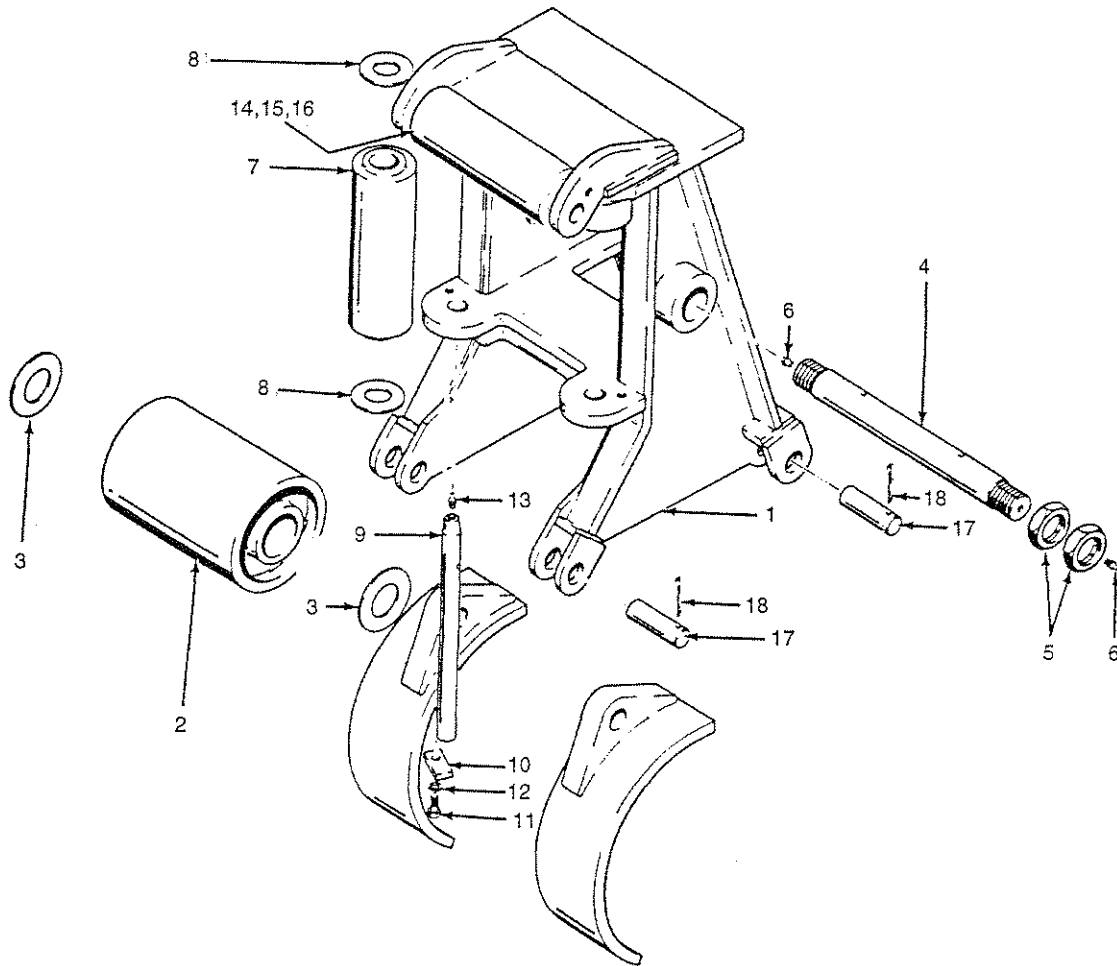
First used AW5B-1311



4A05

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	2301932W	Block - Mounting	2	9	2301740W	Roller Assembly	2
2	2301734W	Frame	1	9	35135W	. Bushing	2
3	142270W	Capscrew	4	10	331767W	Washer	4
4	221777W	Washer	4	11	2301706W	Keeper	3
5	2301727W	Roller Assembly	1	12	398817W	Flange Screw	3
5	2570W	. Bushing	2	13	2301746W	Shaft	2
6	33394W	Washer	2	14	2301739W	Spacer	2
7	2301722W	Shaft	1	15	378230W	Shim	A/R
8	16001W	Fitting - Grease	6				

Four-Roller Arch

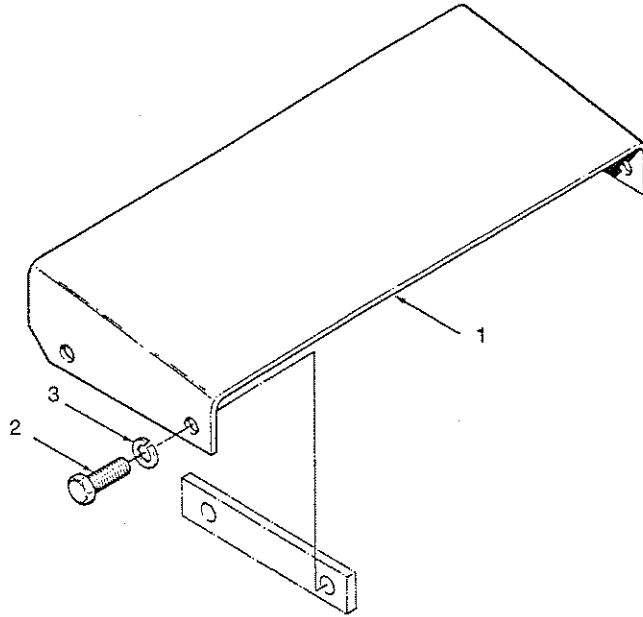


4/02

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	333431W	Arch Assembly	1	9	333429W	. Pin	2
2	2300091W	. Roller Assembly	1	10	31541W	. Plate-Lock	3
2	2817W	. Bushing	2	11	18601W	. Capscrew	3
3	2821W	. Washer	2	12	15160W	. Lockwasher	3
4	*a 2818W	. Shaft	1	13	16001W	. Fitting - Grease	6
4	*b 2300521W	. Shaft	1	14	331752W	. Roller	1
5	*a 7043W	. Nut	4	15	331756W	. Shaft	1
5	*b 221336W	. Nut	4	16	331767W	. Washer	2
6	16002W	. Fitting - Grease	2	17	251061W	Pin	4
7	59846W	. Roller	2	18	15273W	Pin - Cotter	4
8	308408W	. Washer	4				

*a 22" Long Shaft
*b 23" Long Shaft

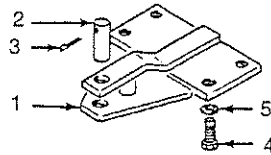
Guard - Cable



4A03

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	342431W	Guard-Cable	1	3	15158W	Lockwasher	4
2	16829W	Capscrew	4				

Drawbar



4A04

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	219231W	Drawbar	1	4	180189W	Capscrew	4
2	219232W	Pin - Drawbar	1	5	15162W	Lockwasher	4
3	15275W	Pin - Cotter	1				

Intentionally Blank

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109002W thru 15030W	5-2
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110322W	3-8	14	Clamp	1306001W	3-24	14	Screw
112334W	2-3	10	Yoke	1306002W	3-21	12	Screw
114312W	3-19	33	Clamp Strap	1306002W	3-22	12	Screw
1152499W	3-6	7	Pin-Dowel	1306002W	3-23	12	Screw
118361W	3-4	11	O-Ring	1306002W	3-24	12	Screw
118365W	3-4	29	O-Ring	1306003W	3-21	11	Screw
128408W	3-9	35	Clamp	1306003W	3-22	11	Screw
12843W	3-3	2	Fitting	1306003W	3-23	11	Screw
12916W	2-13	8	Ring-Snap	1306003W	3-24	11	Screw
129563W	3-15	4	Clamp	1308423W	1-6	3	Bracket-LH
12956W	2-16	11	Ring-Snap	1308424W	1-6	4	Bracket-RH
12985W	3-6	4	Ring-Snap	1308429W	2-15	9	Plunger
1300785W	3-8	1	Handlever	1308436W	3-16	4	Bracket LH
1300785W	3-10	1	Handlever - Control	1308437W	3-16	3	Bracket RH
1300785W	3-12	1	Handlever - Control	1308451W	1-5	5	Capscrew
1300785W	3-13	1	Handlever - Control	1308451W	1-6	5	Capscrew
1300785W	3-16	1	Handlever - Control	1321665W	1-3	2	Decal-Warning
1300785W	3-17	1	Handlever - Control	1321666W	1-3	3	Decal-Lubrication
1300785W	3-20	1	Handlever - Control	133523W	2-16	12	Seal-Oil
1300785W	3-22		Handlever - Control	139718W	3-3	19	Hose
1302039W	3-21	20	Pin	139718W	3-3	32	Hose
1302039W	3-22	20	Pin	139W	3-7	22	Pin
1302039W	3-23	20	Pin	139W	3-8	7	Pin
1302039W	3-24	20	Pin	139W	3-9	27	Pin
1302040W	3-21	10	O-Ring	139W	3-11	32	Pin
1302040W	3-22	10	O-Ring	139W	3-15	9	Pin
1302040W	3-23	10	O-Ring	139W	3-18	26	Pin
1302040W	3-24	10	O-Ring	140288W	3-3	11	Hose
1302041W	3-21	9	Boot	142270W	4-3	3	Capscrew
1302041W	3-22	9	Boot	143413W	3-11	26	Grommet
1302041W	3-23	9	Boot	14345W	3-9	37	Fitting
1302041W	3-24	9	Boot	14349W	3-3	4	Fitting
1302042W	3-21	8	Clevis	14349W	3-3	5	Fitting
1302042W	3-22	8	Clevis	14349W	3-3	51	Fitting
1302042W	3-23	8	Clevis	14500W	3-3	7	Fitting
1302042W	3-24	8	Clevis	14516W	3-3	10	Fitting
1302043W	3-21	7	U-Bolt	14516W	3-9	38	Fitting
1302043W	3-22	7	U-Bolt	14516W	3-19	26	Fitting
1302043W	3-23	7	U-Bolt	14538W	3-3	9	Fitting
1302043W	3-24	7	U-Bolt	145735W	3-3	39	Hose
1302044W	3-21	6	Pin-Clevis	14604W	3-4	18	Plug
1302044W	3-22	6	Pin-Clevis	146296W	3-11	23	Hose
1302044W	3-23	6	Pin-Clevis	14668W	3-3	2	Fitting
1302044W	3-24	6	Pin-Clevis	14668W	3-3	42	Fitting
1302045W	3-21	5	Bearing	14712W	3-7	28	Fitting
1302045W	3-22	5	Bearing	14712W	3-11	3	Fitting
1302045W	3-23	5	Bearing	14712W	3-18	16	Fitting
1302045W	3-24	5	Bearing	15004W	3-21	16	Nut
1302046W	3-21	4	Clamp-Base	15004W	3-22	16	Nut
1302046W	3-22	4	Clamp-Base	15004W	3-23	16	Nut
1302046W	3-23	4	Clamp-Base	15004W	3-24	16	Nut
1302046W	3-24	4	Clamp-Base	15005W	3-21	18	Nut
1302047W	3-21	3	Cover	15005W	3-22	18	Nut
1302047W	3-22	3	Cover	15005W	3-23	18	Nut
1302047W	3-23	3	Cover	15005W	3-24	18	Nut
1302047W	3-24	3	Cover	15024W	3-21	15	Nut
1302048W	3-21	2	Clamp-Cable	15024W	3-22	15	Nut
1302048W	3-22	2	Clamp-Cable	15024W	3-23	15	Nut
1302048W	3-23	2	Clamp-Cable	15024W	3-24	15	Nut
1302048W	3-24	2	Clamp-Cable	15027W	3-4	9	Nut-Jam
1302049W	3-21	1	Knob	15027W	3-4	25	Nut-Jam
1302049W	3-22	1	Knob	15030W	3-7	8	Nut-Jam
1302049W	3-23	1	Knob	15030W	3-9	19	Nut-Jam
1302049W	3-24	1	Knob	15030W	3-11	14	Nut-Jam
1306001W	3-21	14	Screw	15030W	3-18	11	Nut-Jam
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15055W	3-7	2	Nut	15160W	2-17	28	Washer
15055W	3-9	15	Nut	15160W	4-4	12	Lockwasher
15055W	3-11	19	Nut	15162W	4-2	3	Lockwasher
15055W	3-16	8	Nut	15164W	1-4	2	Lockwasher
15055W	3-18	8	Nut	15166W	1-4	4	Lockwasher
15055W	3-19	9	Nut	15166W	1-6	5	Lockwasher
15055W	3-19	20	Nut	15176W	3-3	33	Washer-Flat
15056W	3-11	24	Nut	15178W	3-3	33	Washer-Flat
15056W	3-12	12	Nut	15212W	2-17	20	Pin-Cotter
15056W	3-18	18	Nut	15212W	3-7	23	Pin-Cotter
15106W	3-7	10	Locknut	15212W	3-8	8	Pin-Cotter
15106W	3-9	6	Locknut	15212W	3-9	28	Pin-Cotter
15110W	1-5	9	Locknut	15212W	3-11	33	Pin-Cotter
15127W	3-10	6	Washer	15212W	3-15	10	Pin-Cotter
15128W	1-7	5	Washer	15212W	3-18	27	Pin-Cotter
15128W	1-7	6	Washer	15225W	3-11	6	Pin-Cotter
15134W	3-3	22	Washer	15225W	3-19	5	Pin-Cotter
15134W	3-10	12	Washer	15244W	1-5	5	Pin-Cotter
15135W	3-7	5	Washer-Flat	15256W	1-2	16	Pin-Cotter
15135W	3-9	10	Washer-Flat	15273W	4-4	18	Pin - Cotter
15135W	3-11	5	Washer-Flat	15275W	4-5	3	Pin - Cotter
15135W	3-18	12	Washer-Flat	15303W	1-2	17	Fitting
15135W	3-19	4	Washer-Flat	15314W	3-4	13	Fitting
15137W	1-5	3	Washer	15472W	3-3	10	Fitting-Nipple
15137W	1-6	7	Washer	15483W	2-13	13	Fitting
15154W	1-4	1	Lockwasher	15483W	3-4	40	Fitting
15154W	3-19	29	Lockwasher	15860W	2-15	10	O-Ring
15155W	3-7	3	Lockwasher	15860W	3-4	6	O-Ring
15155W	3-9	5	Lockwasher	15860W	3-4	22	O-Ring
15155W	3-9	14	Lockwasher	15883W	2-14	1	O-Ring
15155W	3-11	11	Lockwasher	15887W	1-5	7	O-Ring
15155W	3-16	7	Washer	15893W	2-3	15	O-Ring
15155W	3-18	7	Lockwasher	15893W	2-4	3	O-Ring
15155W	3-19	10	Lockwasher	15893W	2-5	15	O-Ring
15155W	3-19	19	Lockwasher	15893W	2-8	21	O-Ring
15156W	1-2	8	Lockwasher	15893W	2-9	19	O-Ring
15156W	2-5	19	Lockwasher	15923W	3-21	17	Washer
15156W	2-8	26	Lockwasher	15923W	3-22	17	Washer
15156W	2-9	23	Lockwasher	15923W	3-23	17	Washer
15156W	3-3	22	Lockwasher	15923W	3-24	17	Washer
15156W	3-3	34	Lockwasher	15932W	3-21	19	Lockwasher
15156W	3-4	42	Lockwasher	15932W	3-22	19	Lockwasher
15156W	3-7	17	Lockwasher	15932W	3-23	19	Lockwasher
15156W	3-9	34	Lockwasher	15932W	3-24	19	Lockwasher
15156W	3-11	24	Lockwasher	15962W	3-4	14	Fitting
15156W	3-11	37	Lockwasher	159940W	2-17	25	O-Ring
15156W	3-12	13	Lockwasher	16001W	4-2	7	Fitting-Grease
15156W	3-18	18	Lockwasher	16001W	4-3	8	Fitting - Grease
151583W	2-17	14	Stud-Ball	16001W	4-4	13	Fitting - Grease
15158W	1-2	6	Lockwasher	16002W	4-4	6	Fitting - Grease
15158W	1-2	7	Lockwasher	16168W	3-16	5	Spacer
15158W	1-8	3	Lockwasher	16413W	2-16	21	Setscrew
15158W	2-13	3	Lockwasher	16445W	3-3	13	Fitting
15158W	2-13	19	Lockwasher	16445W	3-11	17	Fitting
15158W	2-16	6	Lockwasher	16468W	3-3	15	Fitting
15158W	2-17	11	Lockwasher	16484W	3-4	7	O-Ring
15158W	3-3	3	Lockwasher	16484W	3-4	23	O-Ring
15158W	33	33	Lockwasher	164857W	1-4	3	Capscrew
15158W	3-7	21	Lockwasher	16486W	3-3	28	O-Ring
15158W	3-8	6	Lockwasher	16541W	3-3	49	Fitting
15158W	3-9	32	Lockwasher	16541W	3-3	54	Fitting
15158W	3-11	31	Lockwasher	165504W	3-7	27	Hose
15158W	3-15	8	Lockwasher	165504W	3-11	23	Hose
15158W	3-18	25	Lockwasher	165505W	3-18	30	Hose
15158W	4-2	12	Lockwasher	16559W	3-3	48	Fitting
15158W	4-5	3	Lockwasher	16559W	3-3	52	Fitting

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16561W	3-3	25	Fitting	18515W	3-13	5	Flatwasher
16561W	3-3	31	Fitting	18515W	3-17	5	Washer
16568W	3-3	48	Fitting	18515W	3-20	5	Washer
16597W	3-9	34	Capscrew	18526W	3-20	3	Capscrew
16598W	3-3	33	Capscrew	18528W	3-12	3	Capscrew
166905W	3-4	33	Retainer-Spring	18528W	3-13	3	Capscrew
166911W	3-4	32	Spring-Spool	18528W	3-17	3	Capscrew
16805W	3-3	22	Capscrew	18530W	3-16	6	Capscrew
16805W	3-7	17	Capscrew	18537W	3-6	16	Capscrew
16805W	3-11	24	Capscrew	18542W	3-3	36	Capscrew
16805W	3-18	18	Capscrew	18588W	1-8	2	Capscrew
16816W	3-11	24	Capscrew	18588W	2-13	18	Capscrew
16816W	3-12	10	Capscrew	18588W	2-15	17	Capscrew
16828W	3-10	7	Capscrew	18590W	3-7	20	Capscrew
16828W	3-11	27	Capscrew	18590W	3-8	5	Capscrew
16828W	3-12	11	Capscrew	18590W	3-9	26	Capscrew
16829W	2-13	2	Capscrew	18590W	3-11	30	Capscrew
16829W	3-3	33	Capscrew	18590W	3-15	6	Capscrew
16829W	4-5	2	Capscrew	18590W	3-18	24	Capscrew
16830W	2-13	1	Capscrew	18600W	1-7	11	Capscrew
16830W	2-16	5	Capscrew	18601W	4-4	11	Capscrew
16830W	3-7	33	Capscrew	18623W	4-2	2	Capscrew
16830W	3-8	13	Capscrew	18717W	3-21	21	Capscrew-Button Head
16830W	3-9	31	Capscrew	18717W	3-22	21	Capscrew-Button Head
16830W	3-11	35	Capscrew	18717W	3-23	21	Capscrew-Button Head
16830W	3-15	7	Capscrew	18717W	3-24	21	Capscrew-Button Head
16830W	3-18	29	Capscrew	18720W	2-15	19	Capscrew
16830W	4-2	11	Capscrew	190930W	3-9	10	Ring-Snap
16836W	3-9	5	Capscrew	191534W	3-13	4	Nut
16841W	3-3	41	Elbow-Fitting	191534W	3-20	4	Nut
16923W	1-2	20	Fitting	192407W	3-7	29	Gauge-Oil Pressure
16923W	3-3	55	Fitting	192407W	3-9	36	Gauge-Oil Pressure
16989W	3-3	44	Fitting	192407W	3-11	15	Gauge-Oil Pressure
170987W	3-4	30	Ball	192407W	3-18	17	Gauge-Oil Pressure
17181W	1-5	4	Nut-Castle	192407W	3-19	27	Gauge-Oil Press
17346W	3-3	29	Fitting	194090W	3-3	34	Capscrew
17457W	1-5	2	Locknut	194534W	3-12	4	Nut
17457W	1-6	2	Locknut	194534W	3-17	4	Nut
177590W	2-17	13	Pin	195990W	3-4	2	Seat-Relief
177946W	2-14	12	Lockwasher	195991W	3-4	3	Plunger-Relief
177949W	2-13	25	Lockwasher	195992W	3-4	4	Spring-Relief
178402W	2-17	10	Capscrew	195992W	3-4	20	Spring-Relief
178403W	1-2	6	Capscrew	195993W	3-4	5	Plug
178403W	2-16	15	Capscrew	195993W	3-4	21	Plug
178955W	2-16	13	Seal-Ring	195995W	3-4	10	Capscrew
179443W	1-2	8	Capscrew	195995W	3-4	26	Capscrew
179443W	2-3	24	Capscrew	195997W	3-4	38	Retainer-Detent
179443W	2-4	19	Capscrew	196000W	3-4	37	Ring
179443W	2-5	18	Capscrew	196002W	3-4	34	Ring-Snap
179443W	2-5	25	Capscrew	196003W	3-4	19	Spool-Rev Mod
179443W	2-8	12	Capscrew	196004W	3-4	8	Fitting
179443W	2-8	25	Capscrew	196004W	3-4	24	Fitting
179443W	2-9	12	Capscrew	196006W	3-4	16	Spool-Fwd Mod
179443W	2-9	23	Capscrew	196009W	3-4	35	Cap-Spool
18000W	1-4	3	Plug	196114W	3-11	1	Housing
18004W	1-4	6	Plug	196128W	3-7	11	Pin
18004W	1-6	6	Plug	196128W	3-9	7	Pin
18005W	1-4	5	Plug	196128W	3-11	7	Pin
180189W	4-5	4	Capscrew	196128W	3-18	5	Pin
182209W	1-2	7	Capscrew	196128W	3-19	8	Pin
18425W	3-7	10	Lockwasher	196129W	3-7	6	U-Bolt
18425W	3-9	6	Lockwasher	196129W	3-9	12	Bolt-U
184484W	2-13	6	Cone-Bearing	196129W	3-11	10	Bolt-U
184484W	2-13	15	Cone-Bearing	196129W	3-18	6	Bolt-U
18460W	3-19	30	Capscrew	196129W	3-19	12	U-Bolt

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196130W	3-9	13	Spacer	219220W	2-13	23	Gasket
196130W	3-11	12	Spacer	219231W	4-5	1	Drawbar
196130W	3-19	15	Spacer	219232W	4-5	2	Pin - Drawbar
196134W	3-11	16	Tube	219238W	2-15	4	Hub
196144W	3-7	9	Bushing	219240W	3-3	6	Fitting
196144W	3-7	13	Bushing	219246W	3-3	5	Fitting
196144W	3-9		Bushing	219246W	3-3	44	Fitting
196144W	3-9		Bushing	221351W	2-3	28	Nut
196144W	3-11	2	Bushing	221351W	2-18	7	Nut
196144W	3-11	20	Bushing	221351W	2-19	2	Nut
196144W	3-18	2	Bushing	221355W	2-8	9	Locknut
196144W	3-18	13	Bushing	221355W	2-9	9	Locknut
196469W	3-7	7	Knob	221355W	3-6	19	Locknut
196469W	3-9	20	Knob	221360W	1-6	2	Locknut
196469W	3-11	13	Knob	221371W	1-8	1	Locknut
196469W	3-18	10	Knob	221466W	2-19	5	Capscrew
196469W	3-19	1	Knob	221471W	2-18	6	Capscrew
198062W	3-3	26	Fitting	221475W	2-3	27	Capscrew
198352W	3-3	4	Fitting	221475W	2-19	1	Capscrew
198385W	3-3	3	Capscrew	221507W	2-18	3	Capscrew
205004W	3-9	22	Hose	221585W	2-18	5	Capscrew
205006W	3-11	23	Hose	221650W	2-17	26	Capscrew
21420W	1-2	19	Plate-Breather	221680W	1-7	7	Capscrew
219060W	2-14	9	Ring-Snap	221692W	1-4	7	Capscrew
219063W	2-13	17	Manifold	221694W	1-4	4	Capscrew
219064W	2-14	13	Carrier	221694W	1-5	9	Capscrew
219065W	2-13	10	Shaft	221694W	1-6	4	Capscrew
219066W	2-13	9	Gear	221694W	1-6	8	Capscrew
219070W	2-13	11	Seal	221694W	1-7	9	Capscrew
219072W	2-16	7	Adapter	221695W	1-5	1	Capscrew
219081W	2-15	3	Ring	221698W	1-7	8	Capscrew
219082W	2-15	7	Ring	221701W	1-8	1	Capscrew
219084W	2-15	14	Spring	221702W	1-5	1	Capscrew
219085W	2-13	16	Retainer	221702W	1-5	3	Capscrew
219087W	2-13	4	Shim-.005	221703W	3-10	5	Nut
219088W	2-13	4	Shim-.007	221707W	3-10	8	Nut
219089W	2-13	4	Shim-.020	221717W	2-17	27	Nut
219090W	2-13	7	Retainer	221719W	1-4	1	Nut
219092W	2-15	8	Ring-Snap	221720W	1-5	8	Nut
219093W	2-16	2	Cone-Bearing	221721W	1-5	9	Nut
219094W	2-16	3	Cup-Bearing	221771W	2-15	18	Washer
219095W	2-16	10	Bearing-Roller	221777W	4-3	4	Washer
219096W	2-15	13	Ring-Seal	221780W	1-5	2	Washer-Flat
219103W	2-15	16	Cover	221780W	1-5	2	Washer-Flat
219104W	2-16	9	Retainer	221780W	1-5	7	Washer
219106W	2-16	4	Retainer	221780W	1-6	9	Washer
219108W	2-16	14	Shaft	221780W	1-7	7	Washer
219109W	2-13	24	Capscrew	221780W	1-7	8	Washer
219112W	2-17	1	Cone-Bearing	221780W	1-7	9	Washer
219113W	2-17	2	Cup-Bearing	221780W	1-8	1	Washer, Hardened
219114W	2-17	6	Cone-Bearing	221780W	2-17	21	Washer-Flat
219115W	2-17	7	Cup-Bearing	221867W	3-21	13	Lockwasher-Star
219117W	2-17	9	Retainer	221867W	3-22	13	Lockwasher-Star
219119W	2-17	8	Shim-.005	221867W	3-23	13	Lockwasher-Star
219120W	2-17	8	Shim-.007	221867W	3-24	13	Lockwasher-Star
219121W	2-17	8	Shim-.020	222690W	3-6	15	Pin-Dowel
219122W	2-17	12	Shaft	224108W	2-17	4	Clutch-Gear
219133W	2-17	3	Bushing	224109W	2-16	8	Gear-Drum
219169W	3-3	27	Tube	224110W	2-17	5	Gear-Drum
219170W	3-3	12	Tube	225050W	2-17	3	Gear
219172W	3-3	18	Strainer	225071W	1-8	1	Stud
219180W	3-3	17	Fitting	225502W	2-4	10	Seal-Oil
219187W	3-3	14	Tube	226445W	3-4	17	Fitting
219188W	1-2	1	Cover	226450W	3-3	8	Valve
219193W	1-2	2	Gasket	226649W	4-2	14	Spacer
219194W	1-2	1	Gasket	227468W	3-11		Lever-Hand

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2300004W	1-3	1	Decal-W5B RH	248321W	1-7	6	Capscrew
2300041W	2-19	4	U-Joint	248676W	2-16	16	Shim-.005
2300042W	2-15	12	Piston	248677W	2-16	17	Shim-.007
2300043W	2-15	9	Plunger	248683W	2-14	16	Bearing-Ball
2300046W	2-3	29	Ring-Snap	248699W	3-3	46	Tube
2300046W	2-4	26	Ring-Snap	248796W	4-2	6	Shaft
2300046W	2-5	33	Ring-Snap	250484W	2-4	25	Ring-Snap
2300046W	2-8	27	Ring-Snap	250496W	3-3	16	Tube
2300046W	2-9	30	Ring-Snap	250833W	1-4	1	Shim, .005
2300047W	2-3	26	Set-Pinion/Gear	250834W	1-4	1	Shim, .020
2300047W	2-4	21	Set-Pinion/Gear	250835W	1-4	1	Shim, .062
2300047W	2-5	28	Set-Pinion/Gear	251061W	4-4	17	Pin
2300047W	2-8	1	Set-Pinion/Gear	252928W	2-3	9	Capscrew
2300047W	2-9	1	Set-Pinion/Gear	253055W	2-15	1	Housing-Brake
2300047W	2-14	18	Set-Pinion/Gear	253934W	1-2	2	Cover
2300091W	4-4	2	Roller Assembly	255075W	4-2	15	Block-Mounting
2300183W	3-6		Filter Assembly	255076W	4-2	13	Shaft
2300326W	3-13	6	Bracket	255092W	4-2	1	Frame
2300369W	3-17	9	Bracket	255482W	2-17	23	Shifter
2300478W	1-7	5	Capscrew	2570W	4-3	5	Bushing
2300510W	1-3	4	Decal-Winch Model	257794W	1-2	14	Cover
2300521W	4-4	4	Shaft	257796W	1-2	14	Gasket
2300538W	2-18	1	Driveline	258166W	2-17	18	Crank
2300580W	3-3	45	Tube Assembly	258217W	3-4	28	Spool
2300995W	3-18	31	U-Bolt Kit	258220W	3-4	36	Ring
2301000W	3-12	9	Bracket	261567W	3-18	1	Bracket
2301006W	2-18	2	U-Joint	262088W	3-4	27	Spool-PFR
2301030W	3-10	3	Bracket	264052W	3-18		Handlever Assembly
2301054W	3-10	4	Capscrew	266846W	2-17	16	Spring
2301055W	3-10	13	Trim	267006W	2-3	12	Washer
2301404W	1-5	1	Mounting Adaptor	267018W	3-4	39	Valve-Accumulator
2301405W	3-3	53	Tube	267482W	2-16	18	Drum
2301487W	3-18	15	Nut-Tall	267483W	2-16	19	Insert
2301487W	3-19	7	Locknut	267484W	2-16	20	Bolt
2301680W	2-19	3	Driveline w/Bearing	271729W	3-3	28	Valve-Check
2301706W	4-3	11	Keeper	271731W	3-7	31	Decal
2301722W	4-3	7	Shaft	271731W	3-8	12	Decal
2301727W	4-3	5	Roller Assembly	271731W	3-9	21	Decal
2301734W	4-3	2	Frame	271731W	3-10	9	Decal
2301739W	4-3	14	Spacer	271731W	3-11	36	Decal
2301740W	4-3	9	Roller Assembly	271731W	3-12	6	Decal
2301746W	4-3	13	Shaft	271731W	3-13	7	Decal
2301834W	3-20	9	Bracket	271731W	3-15	2	Decal
2301845W	3-20	2	Handlever - Freespool	271731W	3-16	11	Decal
2301845W	3-23		Handlever - Control	271731W	3-17	6	Decal
2301932W	4-3	1	Block - Mounting	271731W	3-18	19	Decal
2302624W	2-17	24	Piston-Freespool/Adjust	271731W	3-19	32	Decal
2302694W	2-17	10	Capscrew	271731W	3-20	6	Decal
2302698W	2-17	9	Retainer-Freespool/Adjust	271746W	3-9	11	Spacer
2302784W	2-18	4	U-Joint	271746W	3-11	8	Spacer
230774W	1-4	1	Stud	276031W	3-7	9	Lever
230774W	1-4	2	Stud	276031W	3-11	2	Lever
237979W	1-4	1	Spacer	276031W	3-18	2	Lever
238992W	3-4	31	Spacer	276032W	3-7	13	Lever
239419W	3-19	24	Grommet	276032W	3-11	20	Lever
241422W	3-6	5	O-Ring	276032W	3-18	13	Lever
241778W	3-4	41	Screw-Shoulder	276036W	3-9	18	Lever
241782W	3-3	37	Strip	276037W	3-9	9	Lever
243189W	3-7	12	Knob	276041W	3-9	16	Pin
243189W	3-9	8	Knob	276041W	3-11	4	Pin
243189W	3-11	9	Knob	276043W	3-7	9	Bushing
243189W	3-18	14	Knob	276043W	3-7	13	Bushing
243189W	3-19	16	Knob	276043W	3-9	9	Bushing
246759W	2-13	26	Spacer	276043W	3-9	13	Bushing
246769W	2-14	14	Capscrew	276043W	3-11	2	Bushing
246770W	2-14	2	Capscrew	276043W	3-11	20	Bushing
248320W	2-3	11	Locknut	276043W	3-18	2	Bushing

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276043W	3-18	13	Bushing	295756W	2-9	4	Shim-.005
276043W	3-19	3	Bushing	295757W	2-3	21	Shim-.007
276043W	3-19	17	Bushing	295757W	2-4	16	Shim-.007
276081W	3-7	14	Pin	295757W	2-5	23	Shim-.007
276081W	3-18	3	Pin	295757W	2-8	4	Shim-.007
279388W	3-6		Filter Assembly	295757W	2-9	4	Shim-.007
279397W	3-4	43	Cam	295758W	2-3	21	Shim-.020
280980W	1-6	1	Capscrew	295758W	2-4	16	Shim-.020
2817W	4-4	2	Bushing	295758W	2-5	23	Shim-.020
281881W	3-11	25	Plate-Cover	295758W	2-8	4	Shim-.020
2818W	4-4	4	Shaft	295758W	2-9	4	Shim-.020
282139W	3-4		Valve	295768W	2-3	6	Gear
2821W	4-4	3	Washer	295768W	2-4	1	Gear
282700W	2-14		Clutch Assembly	295768W	2-4	7	Gear
282703W	2-14	5	Piston	295769W	2-4	1	Gear
282704W	2-14	6	Plate-Separator	295769W	2-4	7	Gear
282704W	2-15	6	Plate-Separator	295769W	2-5	1	Gear
282706W	2-14	8	Ring	295769W	2-9	13	Gear
282707W	2-14	10	Spring	295773W	2-3	4	Gear
282708W	2-14	11	Hub	295773W	2-5	2	Gear
282710W	2-15		Brake	295773W	2-9	15	Gear
282720W	2-14	3	Housing-Piston	296434W	1-5	6	Washer
283430W	3-7	16	Plate	296434W	1-6	6	Washer
283431W	3-7	1	Bracket	296850W	2-4	9	Carrier
287028W	3-7	32	Cover	296851W	2-3	14	Carrier
287029W	3-7	30	Plate	296852W	2-3	13	Gasket
292689W	1-6	2	Lockwasher	296854W	2-3	5	Spacer
293617W	2-19	8	Capscrew	298575W	2-3	2	Shaft
294925W	3-6		Pump	298580W	2-4	11	Gasket
294929W	2-3	4	Gear	298591W	2-3	6	Gear
294931W	2-3	22	Gear	298591W	2-5	1	Gear
294931W	2-4	17	Gear	298591W	2-9	13	Gear
294931W	2-5	26	Gear	298597W	1-6	3	Bracket
294931W	2-8	11	Gear	299002W	2-4	23	Shaft-PTO
294931W	2-9	11	Gear	299010W	1-2	13	Cover
294932W	3-6	17	Gear - 33T	299012W	1-2	3	Gasket
294933W	2-3	3	Spacer	299023W	3-7	25	Spacer
294933W	2-4	6	Spacer	299023W	3-8	10	Spacer
294933W	2-5	5	Spacer	299023W	3-9	30	Spacer
294933W	2-9	29	Spacer	299023W	3-11	28	Spacer
294936W	2-3	16	Carrier	299023W	3-15	12	Spacer
294936W	2-4	2	Carrier	299023W	3-18	22	Spacer
294944W	1-2	9	Cover	299024W	3-7	24	Gasket
294945W	1-2	10	Gasket	299024W	3-8	11	Gasket
295750W	2-3	25	Spacer	299024W	3-9	29	Gasket
295750W	2-4	20	Spacer	299024W	3-11	29	Gasket
295750W	2-5	16	Spacer	299024W	3-15	11	Gasket
295750W	2-5	27	Spacer	299024W	3-18	28	Gasket
295750W	2-8	10	Spacer	3001363W	3-6	3	Element/O-Ring
295750W	2-9	10	Spacer	30055W	2-13	5	Cup-Bearing
295751W	2-3	19	Spacer	30055W	2-13	14	Cup-Bearing
295751W	2-4	14	Spacer	300629W	1-2	18	Fitting
295751W	2-5	21	Spacer	303926W	3-3	21	Tube
295751W	2-8	3	Spacer	303927W	3-3	50	Tube
295751W	2-9	3	Spacer	303938W	3-11	22	Cable
295752W	1-2	11	Capscrew	303938W	3-13	8	Cable - Control
295752W	2-3	17	Capscrew	303939W	3-7	18	Cable
295752W	2-4	12	Capscrew	303939W	3-8	17	Cable
295753W	2-3	20	Plate-Bearing	303939W	3-9	25	Cable
295753W	2-4	15	Plate-Bearing	303939W	3-18	21	Cable
295753W	2-5	22	Plate-Bearing	303939W	3-19	21	Cable
295753W	2-8	5	Plate-Bearing	303940W	3-11	21	Cable
295753W	2-9	5	Plate-Bearing	303940W	3-11	22	Cable
295756W	2-3	21	Shim-.005	303940W	3-12	8	Cable - Freespool
295756W	2-4	16	Shim-.005	303941W	3-7	19	Cable
295756W	2-5	23	Shim-.005	303941W	3-8	18	Cable
295756W	2-8	4	Shim-.005	303941W	3-9	25	Cable

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303941W	3-11	21	Cable	331756W	4-4	15	Shaft
303941W	3-13	9	Cable - Freespool	331760W	2-8	8	Spacer
303941W	3-15	3	Cable	331760W	2-9	8	Spacer
303941W	3-15	5	Cable	331760W	3-6	18	Spacer
303941W	3-18	20	Cable	331767W	4-3	10	Washer
303941W	3-19	23	Cable	331767W	4-4	16	Washer
303942W	3-9	25	Cable	332229W	2-3	4	Gear
303942W	3-11	22	Cable	332229W	2-5	2	Gear
303942W	3-17	7	Cable - Control	332229W	2-9	15	Gear
303943W	3-9	23	Cable	332236W	3-9		Handlever With Freespool
303943W	3-11	21	Cable	332247W	2-5	26	Gear
303943W	3-17	8	Cable - Freespool	332247W	2-9	11	Gear
303944W	3-10	10	Cable - Control	332248W	3-6	17	Gear - 20T
303944W	3-10	11	Cable - Freespool	332822W	3-9	1	Cover
303945W	3-8	17	Cable-Push-Pull	332823W	3-9	17	Bracket
303945W	3-8	18	Cable-Push-Pull	333429W	4-4	9	Pin
303945W	3-16	10	Cable	333431W	4-4	1	Arch Assembly
303945W	3-20	7	Cable - Control	33394W	4-3	6	Washer
303945W	3-20	8	Cable - Freespool	333992W	3-9	33	Bracket-Gauge
303946W	3-7	26	Gasket	335468W	3-19	3	Lever
303946W	3-8	9	Gasket	335470W	3-19	14	Pin
303946W	3-9	24	Gasket	336854W	3-19	13	Bracket
303946W	3-11	34	Gasket	336858W	3-19	17	Lever
303946W	3-15	13	Gasket	338844W	2-13	21	Spacer
303946W	3-18	23	Gasket	338845W	3-11	26	Bracket-Lever
303974W	3-12	7	Cable - Control	339482W	1-7	10	Cover, Guard
304194W	1-4	2	Bracket-LH	339681W	2-16	1	Seal-Oil
304393W	1-4	1	Bracket-RH	342431W	4-5	1	Guard-Cable
304395W	2-5	3	Shaft	342437W	2-3	8	Set-Pinion/Gear
304395W	2-9	26	Shaft	342437W	2-3	26	Set-Pinion/Gear
305203W	2-5	8	Cover	342437W	2-4	21	Set-Pinion/Gear
305203W	2-9	24	Cover	342437W	2-5	28	Set-Pinion/Gear
305204W	2-5	9	Gasket	342437W	2-8	1	Set-Pinion/Gear
305205W	2-5	7	Spacer	342437W	2-9	1	Set-Pinion/Gear
305205W	2-9	27	Spacer	342437W	2-14	18	Set-Pinion/Gear
305207W	2-5	6	Spacer	35135W	4-3	9	Bushing
305207W	2-9	28	Spacer	360385W	3-3	38	Bracket
308402W	3-11	26	Bracket-Lever	369516W	2-3	6	Gear
308408W	4-2	9	Washer	377720W	2-8	22	Carrier-Bearing
308408W	4-4	8	Washer	377720W	2-9	20	Carrier-Bearing
311281W	3-6	2	Gear	378230W	4-3	15	Shim
311282W	3-6	3	Shaft-Idler	379454W	2-15	9	Plunger
311283W	3-6	6	Ball	379455W	2-15	12	Piston
311284W	3-6	8	Plate-Drive	381197W	2-15	12	Piston
311286W	3-6	10	Plate-End	383186W	2-8	24	Shaft
311287W	3-6	12	Plug	383186W	2-9	22	Shaft
311288W	3-6	13	Screw	383187W	2-8	18	Spacer
311289W	3-6	14	Shaft-Drive	383187W	2-9	16	Spacer
313165W	2-5	11	Carrier-Bearing	383875W	1-5	3	Stud
31541W	4-4	10	Plate-Lock	383880W	3-8	4	Handlever
316702W	1-2	12	Cover-Strainer	383880W	3-10	2	Handlever - Freespool
316705W	1-2	4	Gasket-Strainer	383880W	3-12	2	Handlever - Freespool
316706W	1-2	5	Cover-Top	383880W	3-13	2	Handlever - Freespool
316707W	1-2	5	Gasket	383880W	3-16	2	Handlever - Freespool
316709W	1-2	5	Cover-Top	383880W	3-17	2	Handlever - Freespool
320233W	1-7	1	Spacer-RH	383880W	3-21		Handlever - Control
320234W	1-7	2	Spacer-LH	383881W	3-21	22	Nut-Tall
320235W	1-7	3	Spacer-RH	383881W	3-22	22	Nut-Tall
320236W	1-7	4	Spacer-LH	383881W	3-23	22	Nut-Tall
320242W	2-8	17	Coupler	383881W	3-24	22	Nut-Tall
320243W	2-5	10	Shaft-PTO	383891W	3-3	45	Hose
321258W	2-4	5	Shaft	388613W	3-19	31	Cover
327610W	3-3	35	Accumulator	388633W	1-5	10	Tool-Pilot
327611W	3-3	40	Fitting	388634W	3-15	1	Handlever
328714W	2-14	7	Disc-Friction	388634W	3-24		Handlever, Control
328714W	2-15	5	Disc-Friction	388654W	1-5	4	Stud
331752W	4-4	14	Roller	388654W	1-6	1	Stud

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391016W	3-11	18	Washer	9563W	2-8	16	Pin
391016W	3-19	11	Washer				
39376W	3-4	12	O-Ring				
39384W	2-13	12	O-Ring				
398817W	4-3	12	Flange Screw				
398890W	3-19	25	Hose				
41309W	2-3	18	Bearing				
41309W	2-4	13	Bearing				
41309W	2-5	20	Bearing-Ball				
41309W	2-8	2	Bearing-Ball				
41309W	2-9	2	Bearing, Ball				
43207W	2-4	4	Bearing				
43207W	2-5	4	Bearing-Ball				
43207W	2-9	25	Bearing-Ball				
43207W	2-15	2	Bearing-Ball				
43208W	2-4	8	Bearing				
44307W	2-3	1	Bearing				
44312W	2-14	15	Bearing-Ball				
45209W	2-5	13	Bearing-Ball				
45209W	2-8	20	Bearing-Ball				
45209W	2-9	18	Bearing-Ball				
46441W	2-14	17	Ring-Snap				
46578W	2-17	17	Plug-Pipe				
53156W	1-4	2	Locknut				
55468W	2-4	22	O-Ring				
55468W	3-6	4	O-Ring				
58929W	2-8	6	Ring-Snap				
58929W	2-9	6	Ring-Snap				
58929W	3-6	18	Ring-Snap				
58933W	2-17	19	Ring-Snap				
58939W	2-8	18	Ring-Snap				
58941W	2-3	23	Ring-Snap				
58941W	2-4	18	Ring-Snap				
58941W	2-5	17	Ring-Snap				
58941W	2-5	24	Ring-Snap				
58941W	2-8	14	Ring-Snap				
58941W	2-9	14	Ring-Snap				
58955W	2-5	12	Ring-Snap				
58955W	2-8	19	Ring-Snap				
58955W	2-9	17	Ring-Snap				
59846W	4-2	8	Roller				
59846W	4-4	7	Roller				
61056W	1-5	6	O-Ring				
63105W	2-15	11	O-Ring				
63111W	3-3	43	Fitting				
6348W	2-17	15	Ball				
67355W	2-17	22	Wire				
68370W	3-4	44	Pin				
69727W	3-19	22	Grommet				
7043W	4-4	5	Nut				
77418W	3-7	15	Block-Round				
77418W	3-18	4	Block-Round				
77692W	2-3	7	Seal-Oil				
79389W	2-5	14	Seal-Oil				
79389W	2-8	23	Seal-Oil				
79389W	2-9	21	Seal-Oil				
83857W	3-3	24	Fitting				
87287W	2-14	4	O-Ring				
90937W	2-5	32	O-Ring				
92212W	4-2	4	Roller				
92720W	4-2	5	Washer				
93166W	4-2	10	Keeper				
93927W	1-2	15	Rod-Tie				
9554W	2-5	31	Ring-Lock				
9554W	2-8	15	Ring-Lock				
9563W	2-4	24	Pin				
9563W	2-5	30	Pin				

Intentionally Blank