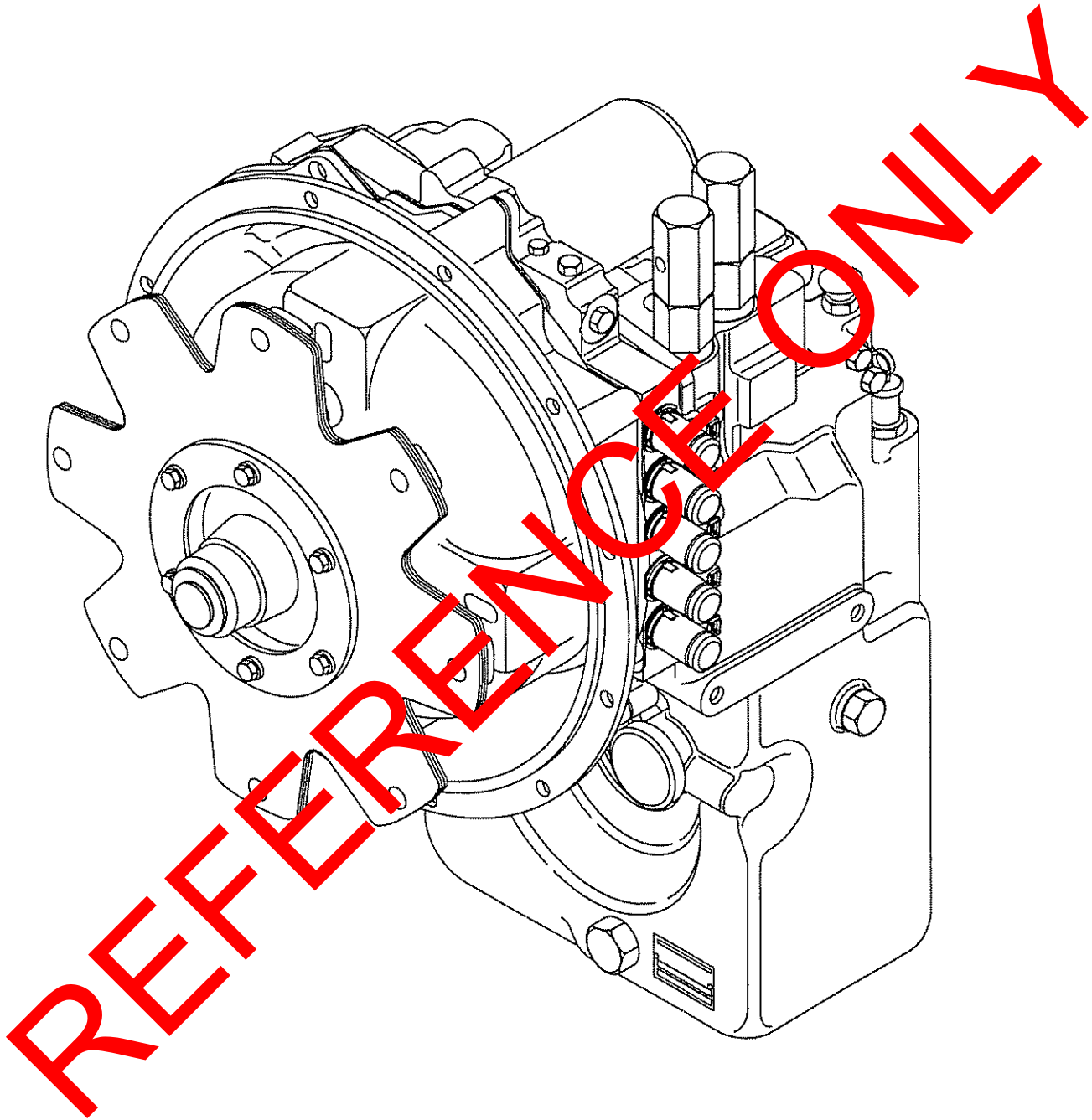


T12000 Series



Date : 09-AUG-07
Revised :
MODEL : 4262770

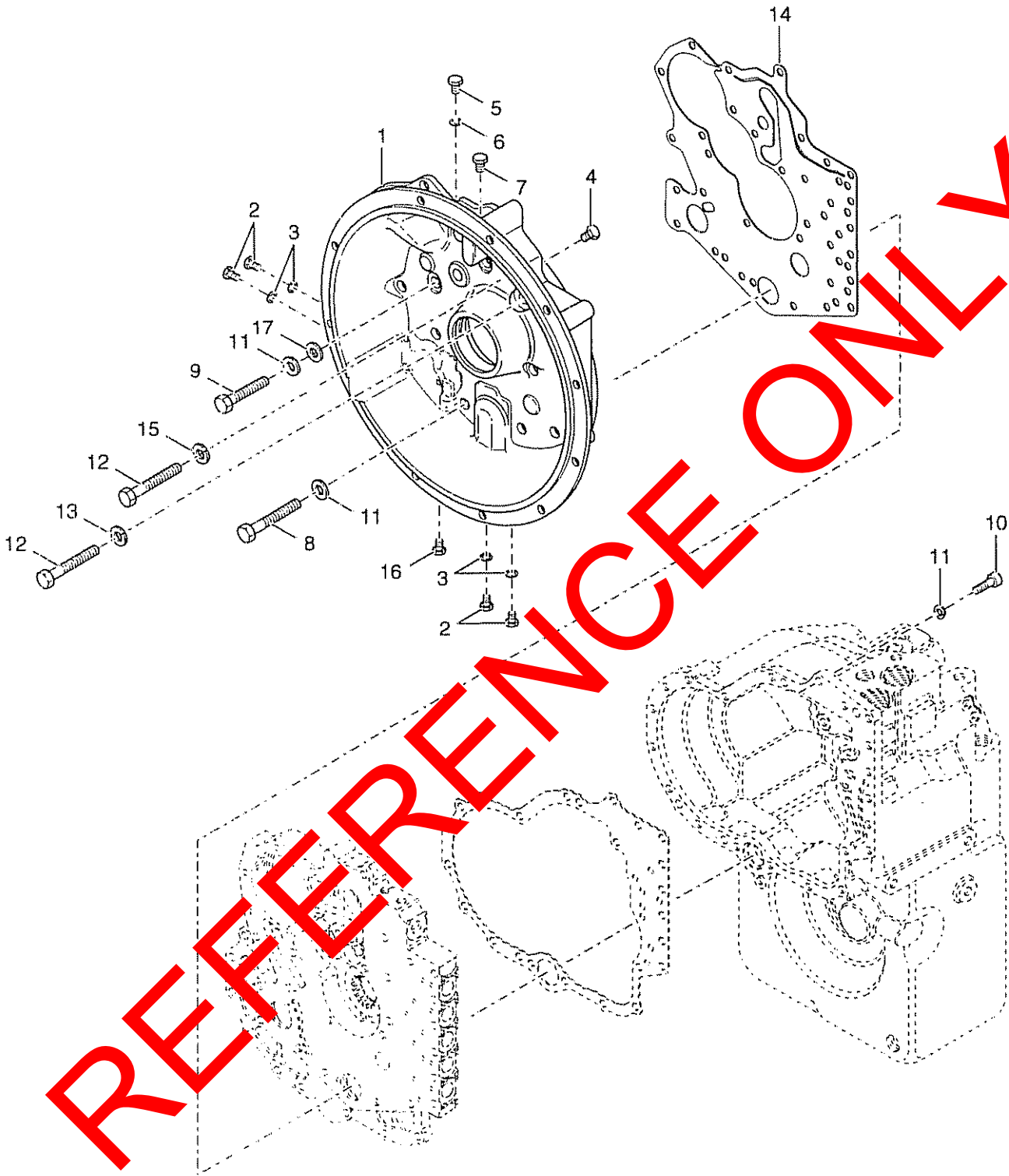
1106FT12366-201
ASSY-T12000 TRANSMISSION FOR TEREX HANDLERS

<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>%</u>	<u>Description</u>	
	1	247246	D	ADAPTOR-SAE B TO SAE C DRIVE SLEEVE	N.I.

REFERENCE ONLY

N.S.S. - Not Sold Separately
N.I. - Not Illustrated
% - Part Stock Recommendation

T12000
GROUP CONVERTER HOUSING



Date : 09-AUG-07
Revised : D
MODEL : 4224705

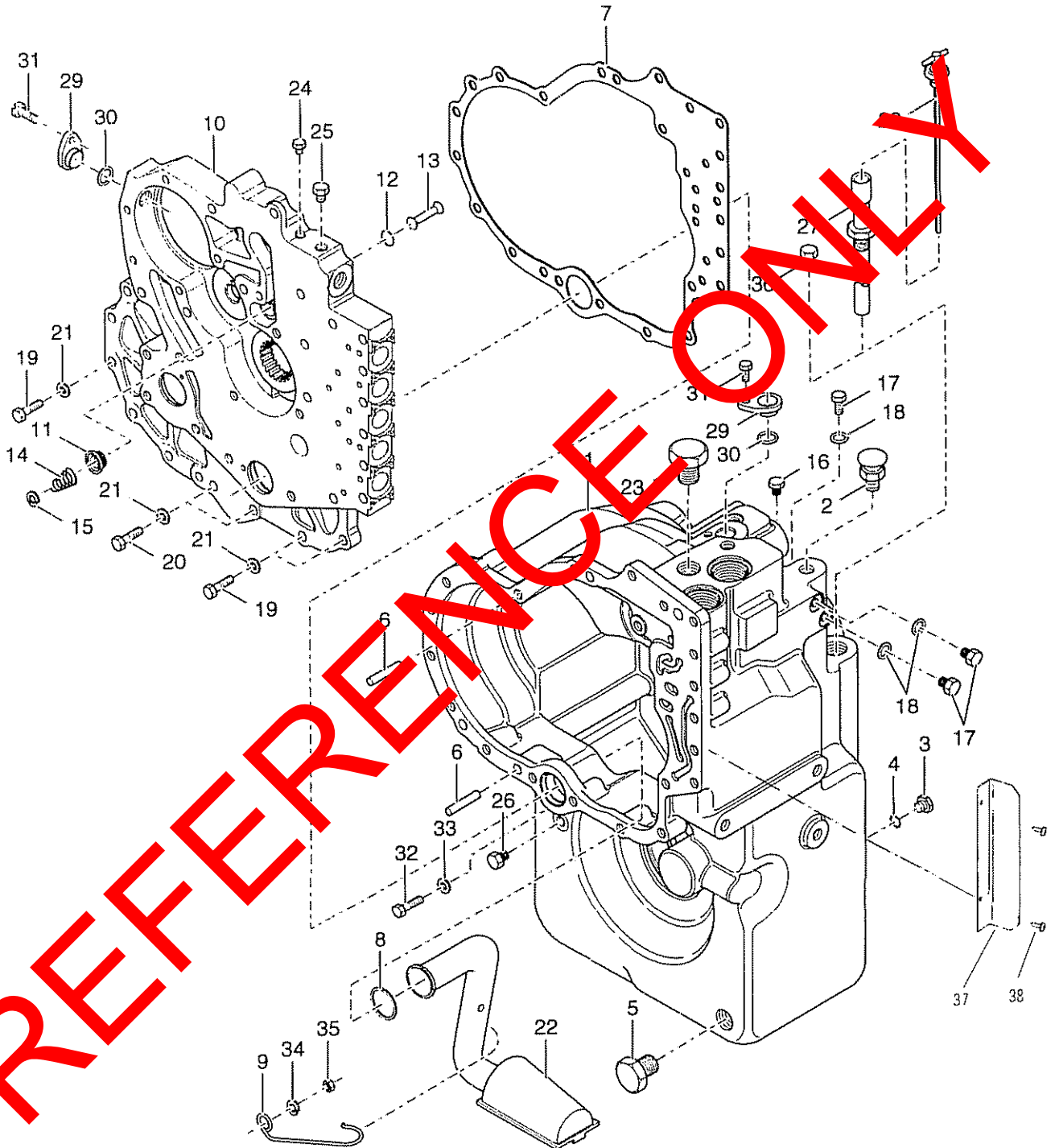
T12000
GROUP-CONVERTER HOUSING

<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>%</u>	<u>Description</u>
1	1	4202564	E	HOUSING-CONVERTER
2	4	24K2		PLUG-INCLUDING ITEM 3
3	4	91F2	B	O RING-PLUG-PART OF ITEM 2
4	1	40K2		PLUG-REGULATOR PRESSURE SIDE
5	1	24K2		PLUG-INCLUDING ITEM 6
6	1	91F2	B	O RING-PLUG-PART OF ITEM 5
7	1	239245		PLUG-CHECK VALVE BORE
8	6	7CM1030		SCREW
9	3	7CM1060		SCREW-CONV HSG TO PLATE
10	1	3GM1040		SCREW-CONV HSG TO PLATE
11	10	6EM100		LOCK WASHER-CONV HSG TO PLATE SCREW
12	13	7CM1060		SCREW-CONV HSG TO TRANS CASE
13	13	6EM100		LOCK WASHER-CONV HSG TO TRANS CASE SCREW
14	1	4201490	E	GASKET-CONV HOUSING TO PLATE
15				Not Used On This Model
16	1	40K4		PLUG-NEW TEMPERATURE PICKUP

N.S.S. - Not Sold Separately
N.I. - Not Illustrated
% - Part Stock Recommendation

T12000

GROUP - TRANSMISSION CASE & PLATE



Date : 09-AUG-07
Revised : C
MODEL : 4503651

T12000
GROUP-TRANSMISSION CASE AND PLATE

<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>%</u>	<u>Description</u>
1	1	4205502	D	CASE-TRANSMISSION WITHOUT UPPER OUTPUT
2	1	238535	C	BREATHER-AIR
3	2	24K3		PLUG-OIL LEVEL - INCL.ITEM 4
4	2	91F3	B	O RING - PART OF ITEM 3
5	1	215757		PLUG-MAGNETIC DRAIN
6	2	4JM1024		PIN-PLATE TO TRANS CASE DOWEL
7	1	4201491	B	GASKET-PLATE TO TRANS CASE
8	1	246605	B	RING-OIL SUPPLY TUBE RETAIL
9	1	246561		CLIP-OIL SUPPLY TUBE RETAINER
10	1	4210502	E	PLATE-SPACER
11	1	4201332		SEAT SAFETY VALVE
12	1	4201333	D	SNAP RING-SEAT
13	1	244895	D	POPPET-CONVERTER SAFETY VALVE
14	1	222312	C	SPRING-CONVERTER SAFETY VALVE
15	1	244894		WASHER-POPPET RETAINING
16	1	40K2		PLUG CASE
17	3	24K3		PLUG - CASE - INCL. ITEM 18
18	3	91F2	B	O RING - PART OF ITEM 17
19	7	7CM1040		SCREW-PLATE TO TRANS CASE
20	2	7CM1050		SCREW-PLATE TO TRANS CASE
21	5	6EM100		LOCKWASHER-PLATE TO TRANS CASE SCREW
22	1	246555	C	ASSEMBLY-TUBE & SCREEN
23	1	16F12		PLUG-FILLER
24	1	40K2		PLUG-TO COOLER PORT PLATE
25	1	239245		PLUG PLATE

N.S.S. - Not Sold Separately
N.I. - Not Illustrated
% - Part Stock Recommendation

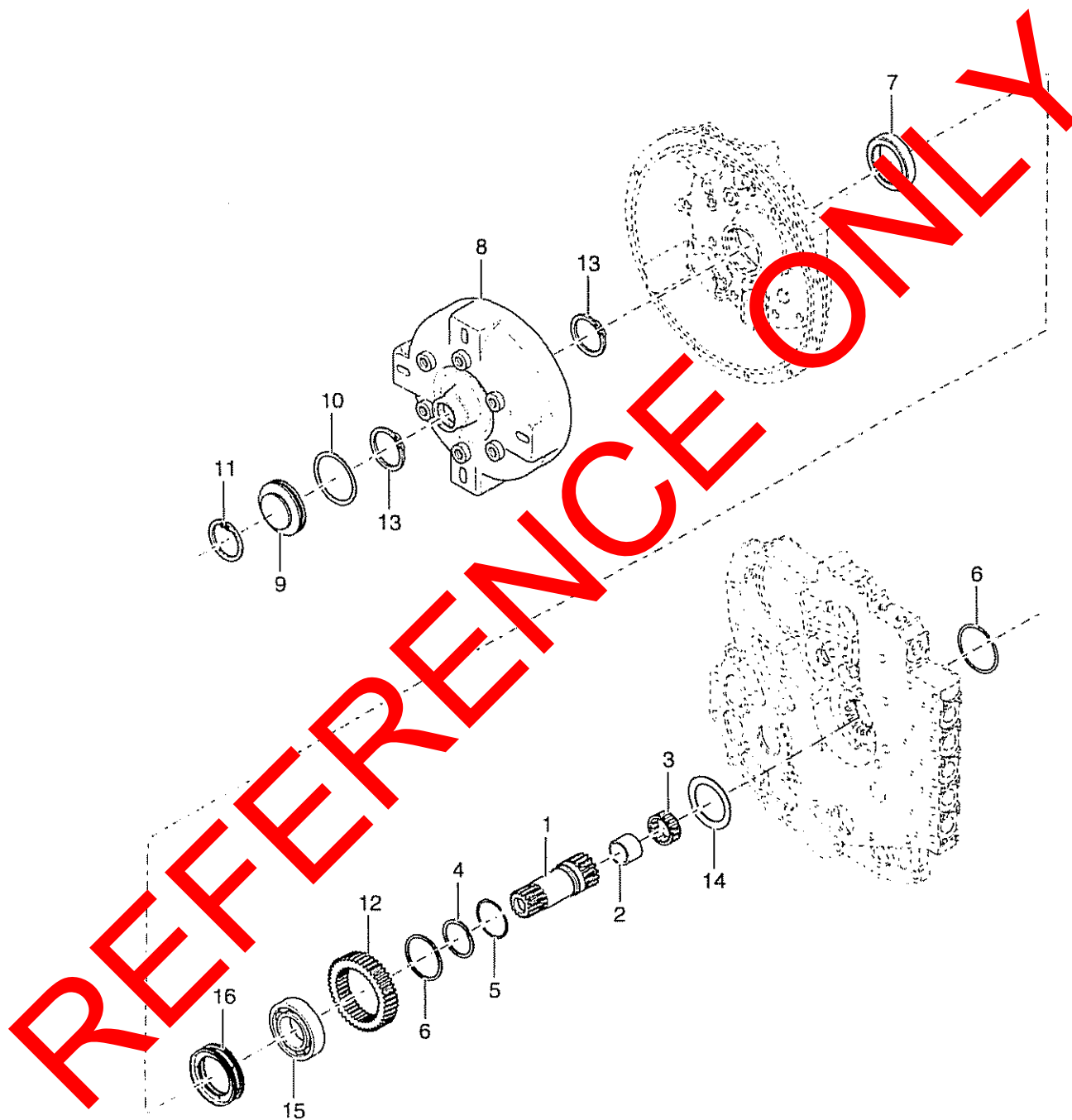
Date : 09-AUG-07
Revised : C
MODEL : 4503651

T12000
GROUP-TRANSMISSION CASE AND PLATE

<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>%</u>	<u>Description</u>	
26	1	16F8		PLUG-DRAIN BACK PORT	
27	1	244366	C	TUBE-DIPSTICK	236872
28	1	4201480	C	ASSY-DIPSTICK	242615
29	2	4202489		PLUG-SPEED SENSOR PORT	CASE TOP & PLATE
30	2	4203422	B	"O" RING-SPEED SENSOR	CASE TOP & PLATE
31	2	3GM612		SCREW-SPEED SENSOR	CASE TOP & PLATE
32	1	7CM1030		CAPSCREW	
33	1	4203466	B	WASHER-SEAL	
34	1	1EM100	B	WASHER	
35	1	4DM10		NUT	
36				Not Used On This Model	
37	1	4211804	D	PLATE-SOLENOIDS PROTECTION	
38	2	4209804		HEX. SOCKET BUTTON HEAD CAPSCREW W/FLANGE M6X	

N.S.S. - Not Sold Separately
N.I. - Not Illustrated
% - Part Stock Recommendation

T12000
GROUP TORQUE CONVERTER



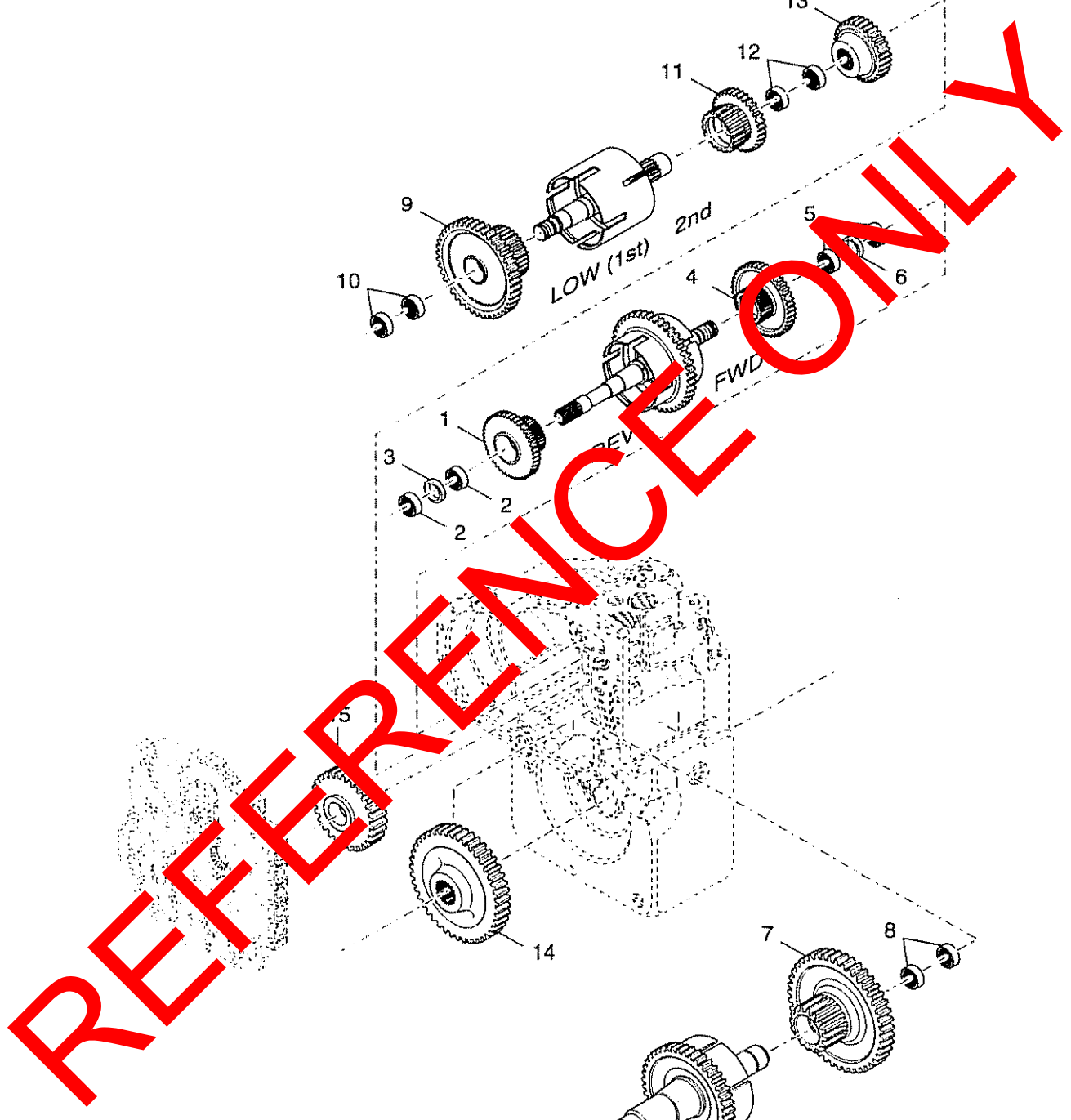
Date : 09-AUG-07
Revised :
MODEL : 4501427

T12000
GROUP-TORQUE CONVERTER

<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>%</u>	<u>Description</u>
1	1	4201406	D	ASSEMBLY-STATOR SUPPORT-INCLUDE ITEMS 2 AND 3
2	1	244107		BUSHING-INCLUDE IN ITEM 1
3	1	239719		BEARING-INCLUDE IN ITEM 1
4	1	246544	B	RING-STATOR SUPPORT PISTON
5	1	246563	B	EXPANDER-STATOR SUPPORT PISTON RING
6	2	246402	B	SNAP RING-STATOR SUPPORT INA WR43
7	1	247257	B	SEAL-CONVERTER HOUSING OIL NAT 481272-N
8	1	4202966	E	ASSEMBLY-TORQUE CONVERTER
9	1	223015		PLUG-TORQUE CONVERTER
10	1	60K30114	B	"O" RING-TORQUE CONV PLUG
11	1	246354	C	SNAP RING-TORQUE CONV PLUG
12	1	245341	D	GEAR-IMPELLER HUB 35T-10P
13	2	246536	F	SNAP RING-IMPELLER HUB
14	1	245242	D	WASHER-IMPELLER HUB GEAR
15	1	223358	C	BEARING-TORQUE CONVERTER 111KS
16	1	245397	B	RING-OIL DISTRIBUTOR

N.S.S. - Not Sold Separately
N.I. - Not Illustrated
% - Part Stock Recommendation

GEAR GROUP



Date : 09-AUG-07
Revised :
MODEL : 4501430

12366
GROUP-GEAR

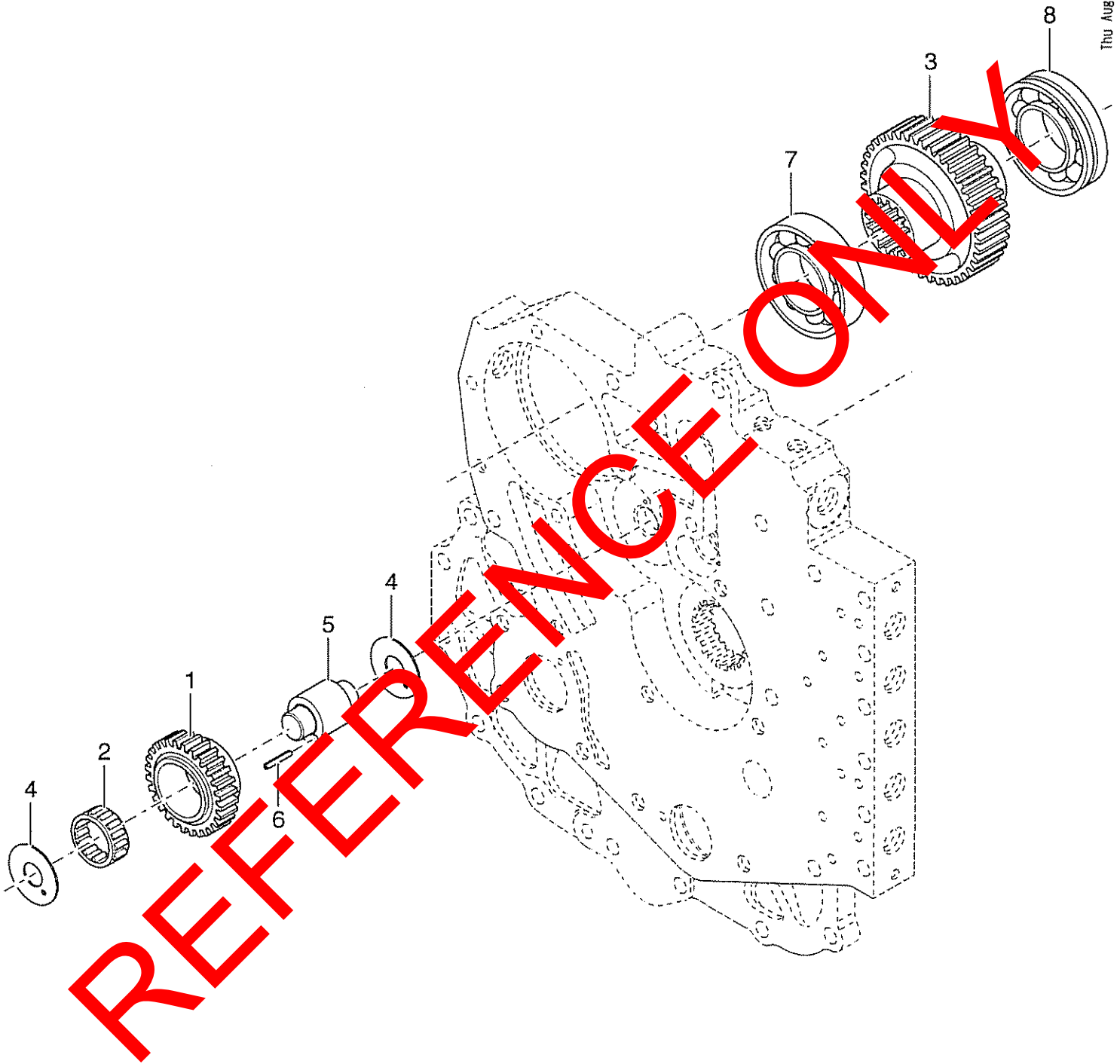
<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>%</u>	<u>Description</u>
1	1	246431	D	ASSY-REVERSE GEAR & BEARING-INCL.ITEMS 2 & 3
2	2	245261	C	BEARING NEEDLE - PART OF ITEM 1
3	1	245275	C	SPACER - PART OF ITEM 1
4	1	246433	D	ASSY-FORWARD GEAR & BEARING-INCL ITEMS 5 & 6
5	2	245261	C	BEARING NEEDLE - PART OF ITEM 4
6	1	245275	C	SPACER - PART OF ITEM 4
7	1	4205504	D	ASSY-3RD CLUTCH GEAR & BEARING-INCL.ITEM 8
8	2	4205485	C	BEARING-NEEDLE - PART OF ITEM 7
9	1	246440	D	ASSY-1ST CLUTCH GEAR & BEARING-INCL.ITEM 10
10	2	245261	C	BEARING NEEDLE - PART OF ITEM 9
11	1	246442	D	ASSY-2ND CLUTCH GEAR & BEARING-INCL.ITEM 12
12	2	245261	C	BEARING NEEDLE - PART OF ITEM 11
13	1	246508		GEAR-3RD DRIVEN 18T
14	1	246509		GEAR-OUTPUT SHAFT 40T
15	1	246447		GEAR-REVERSE IDLER 28T
16	1	4205503	D	GEAR-FIRST DRIVE 27T

N.S.S. - Not Sold Separately
N.I. - Not Illustrated
% - Part Stock Recommendation

T12000

PUMP DRIVE GROUP

Thu Aug 9 14:53:32 2007 MH GGPS



Date : 09-AUG-07
Revised : B
MODEL : 267360

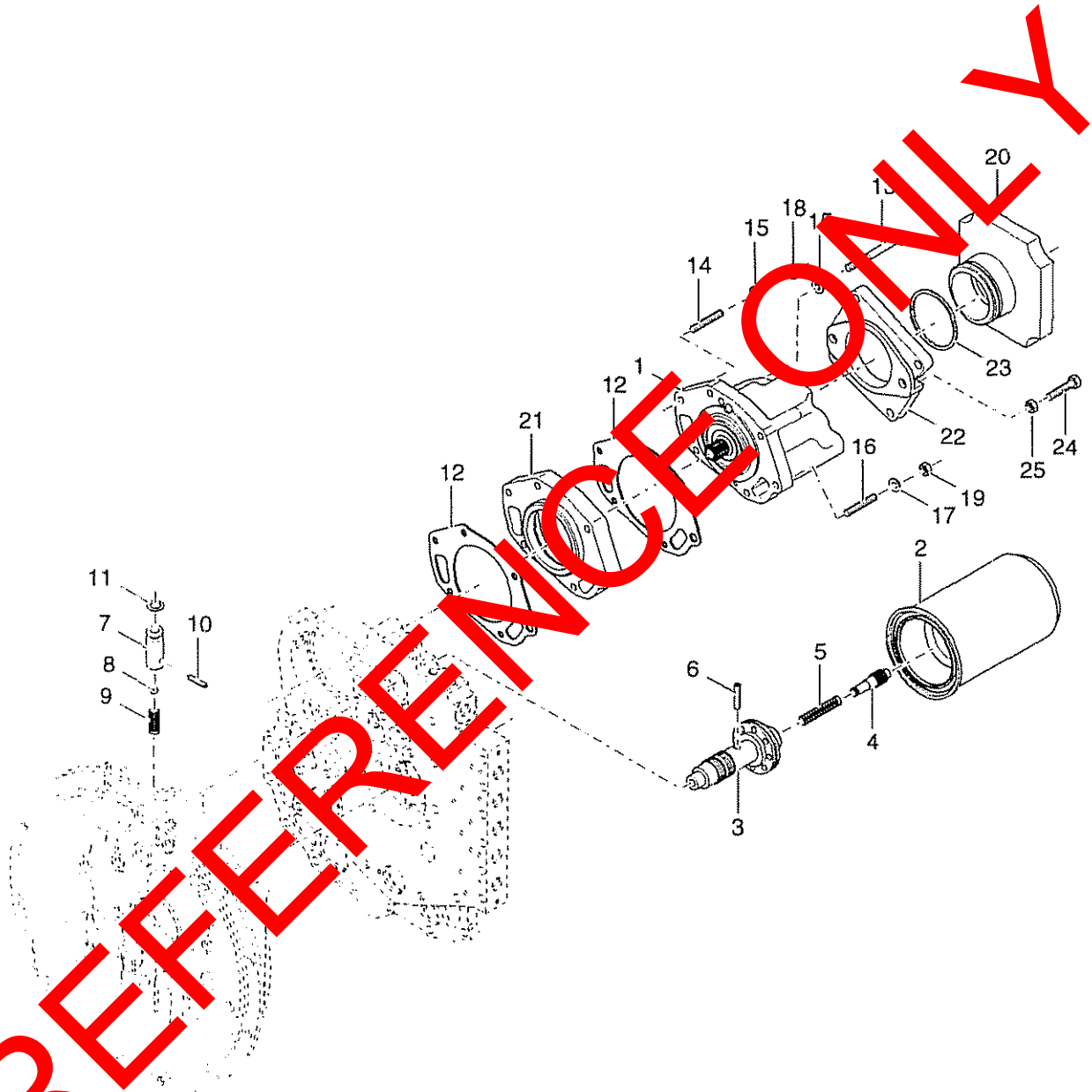
T12000
GROUP-PUMP DRIVE

<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>%</u>	<u>Description</u>
1	1	246526	D	GEAR-PUMP DRIVE IDLER 31T-10P
2	1	230469	C	BEARING-IDLER GEAR TORR WJ28341
3	1	246527	D	GEAR-PUMP DRIVE 34T-10P
4	2	246418	D	WASHER-PUMP DRIVE IDLER THURST
5	1	247260	D	ASSY-PUMP DRIVE SHAFT & PIN-INCLUDE ITEM 6
6	1	4201331		PIN-ROLL - INCLUDE IN ITEM 5
7	1	225953	C	BEARING_PUMP DRIVE GEAR 207S
8	1	226025	C	BEARING-PUMP DRIVE GEAR 207SG

N.S.S. - Not Sold Separately
N.I. - Not Illustrated
% - Part Stock Recommendation

T12000

CHARGING PUMP GROUP



Date : 09-AUG-07
Revised : J
MODEL : 4224066

T12000
GROUP-CHARGING PUMP

<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>%</u>	<u>Description</u>
1	1	4212354	E	ASSEMBLY-CHARGE PUMP
2	1	4209211	D	ASSEMBLY-HYDRAULIC SPIN FILTER
3	1	4201471	D	SLEEVE-REGULATOR VALVE
4	1	4201411	B	PISTON-REGULATOR VALVE
5	1	4201412	D	SPRING-REGULATOR VALVE
6	1	106351	E	NEEDLE-ROLLER
7	1	4201560	D	ASSY-BALL CHECK VALVE-INCL. ITEMS 7 THRU 11
8	1	10J6		BALL
9	1	246626	D	SPRING-CHECK VALVE
10	1	14J905	E	PIN-ROLL TYPE, STRAIGHT
11	1	25K20007	B	O RING
12	2	246511	B	GASKET-CHARGING PUMP
13	4	7CM8145		SCREW-PUMP MOUNTING
14	1	4201515		STUD-PUMP MOUNTING
15	5	6EM80		LOCKWASHER-PUMP MOUNTING
16	1	4201516		STUD-PUMP MOUNTING
17	1	6EM90		LOCKWASHER-PUMP MOUNTING SCREW
18	1	4DM8		NUT-PUMP MOUNTING
19	1	4DM10		NUT-PUMP MOUNTING
20	1	247243		ADAPTOR-PUMP DRIVE
21	1	247244	E	ADAPTOR-PUMP TO PLATE
22	1	247245		PLATE-SPACER SAE B TO C
23	1	60K40324	B	"O"RING-ADAPTOR PUMP PILOT TO PUMP
24	2	1C816		SCREW-SPACER TO PUMP
25	2	4E8		LOCKWASHER-SPACER TO PUMP SCREW

N.S.S. - Not Sold Separately
N.I. - Not Illustrated
% - Part Stock Recommendation

Date : 09-AUG-07
Revised : J
MODEL : 4224066

T12000
GROUP-CHARGING PUMP

<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>%</u>	<u>Description</u>
	1	4201470	E	ASSEMBLY-REGULATOR VALVE-INCL. ITEMS 3 THNU16

REFERENCE ONLY

N.S.S. - Not Sold Separately
N.I. - Not Illustrated
% - Part Stock Recommendation

T12000

GROUP REVERSE IDLER



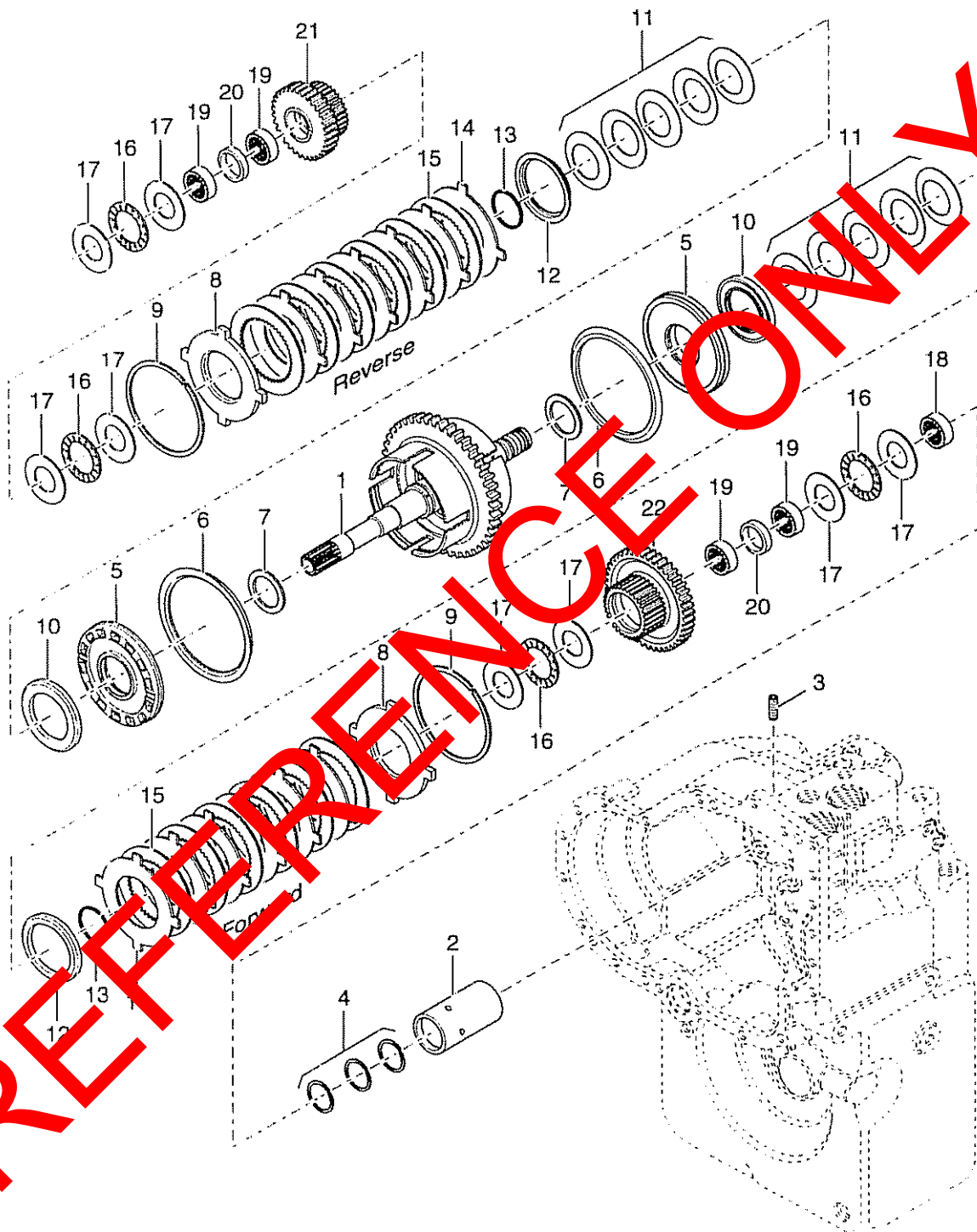
Date : 09-AUG-07
Revised :
MODEL : 267079

T12000
GROUP-REVERSE IDLER

<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>%</u>	<u>Description</u>
1	1	246384	D	SHAFT-IDLER & PILOT
2	1	224047	B	SNAP RING-IDLER SHAFT
3	1	230886	C	BEARING-REV IDLER GEAR WJ162118
4	1	246385	D	WASHER-THRUST
5	1	246386	D	PLATE-END
6	1	246451	E	CAPSCREW-REV IDLER END PLATE
7	1	15EM100	E	WASHER-END PLATE CAP SCREW
8	1	3JM308		ROLL PIN-END PLATE TO SHAFT
9	1			GEAR-REVERSE IDLER-SEE GEAR GROUP

N.S.S. - Not Sold Separately
N.I. - Not Illustrated
% - Part Stock Recommendation

T12000
GROUP FORWARD AND REVERSE SHAFT



Date : 09-AUG-07
Revised : A
MODEL : 4224984

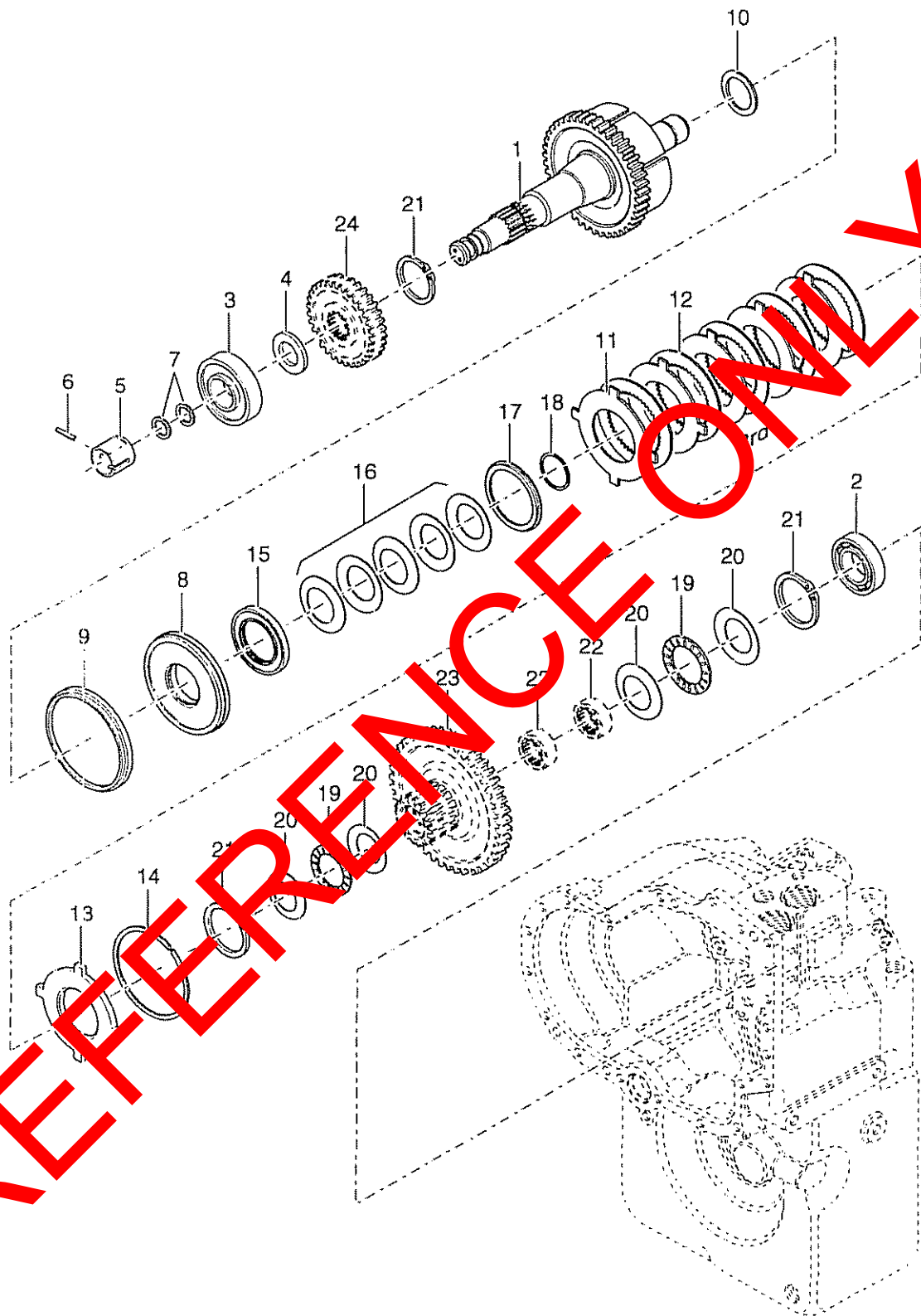
T12000
GROUP-FORWARD & REVERSE SHAFT

<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>%</u>	<u>Description</u>
1	1	4202970	E	ASSY-TURBINE SHAFT, DRUM & PLUG
2	1	246501	B	SLEEVE-OIL DISTRIBUTOR
3	1	17G506		SCREW-RETAINER
4	3	230416	B	RING-PISTON
5	2	4203230	B	ASSY-PISTON AND SEALS-INCLUDE ITEMS 6 AND 7
6	2	244841	B	SEAL-CLUTCH PISTON - OUTER-PART OF ITEM 5
7	2	244128	B	SEAL-CLUTCH PISTON - INNER-PART OF ITEM 5
8	2	245268	D	PLATE-END
9	2	244426	B	SNAP RING-END PLATE
10	2	245252	D	PLATE-CLUTCH PISTON WEAR
11	2	247662	D	ASSEMBLY-DISC SPRING INCLUDE 5 WASHERS
12	2	246390	D	RETAINER-SNAP RING
13	2	245255	D	SNAP RING-RETAINER
14	12	245238	D	DISC-OUTER - 6 FORWARD - 6 REVERSE
15	12	245239	D	DISC-INNER - 6 FORWARD-6 REVERSE
16	4	245243	D	BEARING-CLUTCH GEAR THRUST TORR NTA-2233
17	8	245244	D	WASHER-CLUTCH GEAR THRUST TRB-2233
18	1	245296	C	BEARING-TURBINE SHAFT REAR TORR BH-2210
19	4			BEARING-CLUTCH GEAR - SEE GEAR GROUP
20	2			SPACER-CLUTCH GEAR BEARING - SEE GEAR GROUP
21	1			GEAR-REVERSE CLUTCH- SEE GEAR GROUP
22	1			GEAR-FORWARD CLUTCH - SEE GEAR GROUP

N.S.S. - Not Sold Separately
N.I. - Not Illustrated
% - Part Stock Recommendation

T12000

GROUP 3RD SHAFT



Date : 09-AUG-07
Revised :
MODEL : 4501677

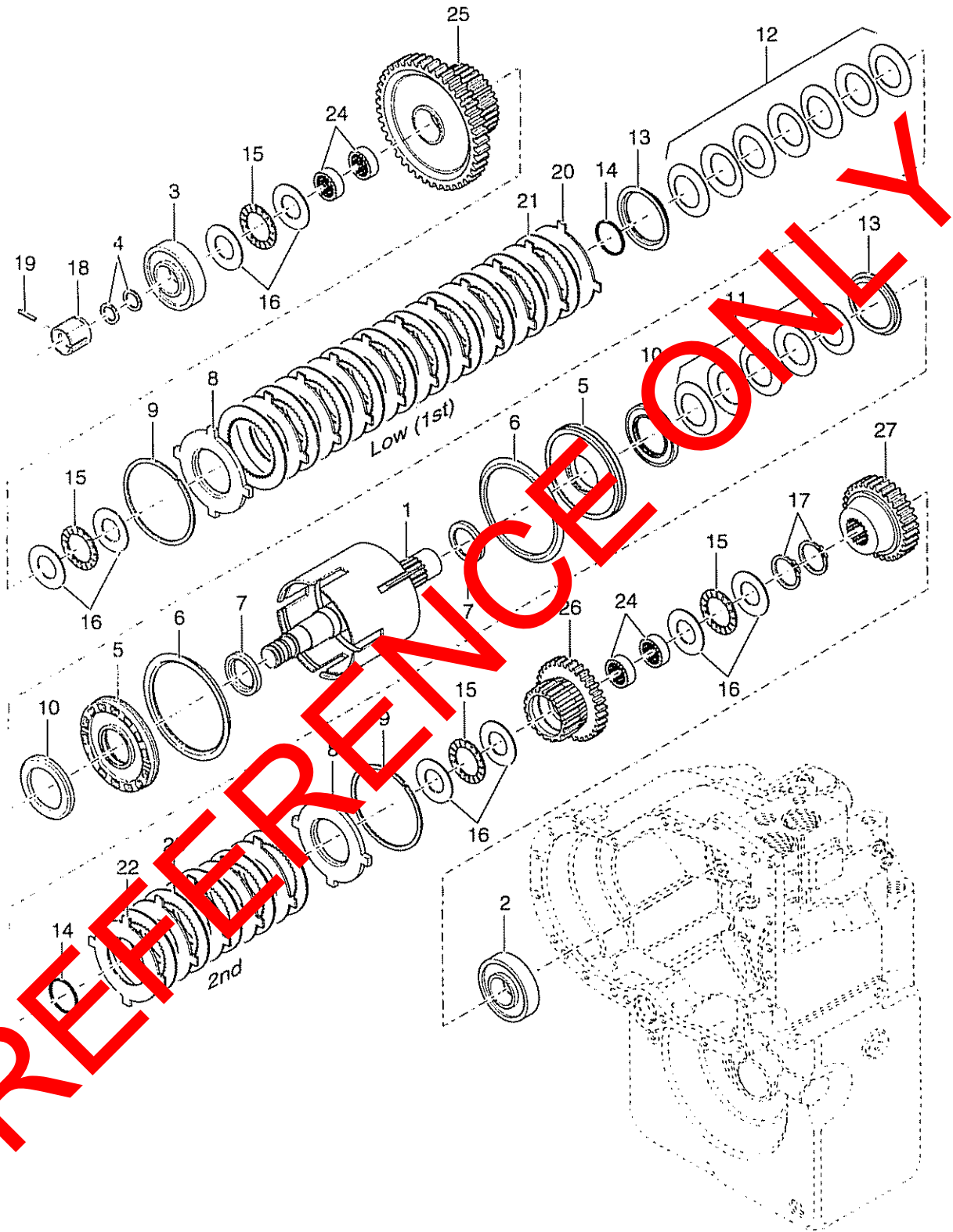
T12000
GROUP-3RD SHAFT

<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>%</u>	<u>Description</u>
1	1	4205972	E	ASSY-3RD SHAFT, DRUM AND PLUG
2	1	4205491	C	BEARING-ROLLER NJ 08ECJ-C3
3	1	4204928	B	ASSEMBLY-BEARING & SEAL BB1-3102A
4	1	4205492		WASHER-BEARING SUPPORT SS304 42X2.5
5	1	246503	B	SLEEVE-OIL DISTRIBUTOR
6	1	246408		SCREW-SLEEVE RETAINING
7	2	230416	B	RING-PISTON
8	1	4203228	B	ASSY-CLUTCH PISTON & SEALS-INCL.ITEMS 9 & 10
9	1	244841	B	SEAL-CLUTCH PISTON - OUTER - PART OF ITEM 8
10	1	244128	B	SEAL-CLUTCH PISTON - INNER - PART OF ITEM 8
11	5	245238	D	DISC-OUTER 3RD
12	5	245239	D	DISC-INNER 3RD
13	1	245268	D	PLATE-END
14	1	244426	D	SNAP RING-END PLATE
15	1	245252	D	PLATE-CLUTCH PISTON WEAR
16	1	247362	D	ASSY-DISC SPRING 3RD
17	1	246390	D	RETAINER-SNAP RING
18	1	245255	D	SNAP RING-RETAINER
19	2	4205493	D	BEARING-THRUST NEEDLE ROLLER AXK406
20	4	4205494		WASHER-CLUTCH GEAR THRUST AS4060
21	1	5JM40	D	SNAP RING-EXTERNAL
22	2			BEARING - 3RD CLUTCH GEAR - SEE GEAR GROUP
23	1			GEAR - 3RD CLUTCH - SEE GEAR GROUP
24	1			GEAR - 1ST DRIVE - SEE GEAR GROUP

N.S.S. - Not Sold Separately
N.I. - Not Illustrated
% - Part Stock Recommendation

T12000

GROUP FIRST AND SECOND SHAFT



Date : 09-AUG-07
Revised : A
MODEL : 4501422

T12000
GROUP-1ST AND 2ND SHAFT

<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>%</u>	<u>Description</u>
1	1	4205495	E	ASSY-1ST AND 2ND SHAFT, DRUM, PLUG AND SEAT
2	1	246551	C	BEARING-ROLLER
3	1	4204928	B	ASSEMBLY-BEARING & SEAL BB1-3102A
4	2	230416	B	RING-PISTON
5	2	4203229	B	ASSY-PISTON & SEALS-INCLUDE ITEM 6 AND 7
6	2	244841	B	SEAL-CLUTCH PISTON - OUTER -PART OF ITEM 5
7	2	244128	B	SEAL-CLUTCH PISTON - INNER-PART OF ITEM 5
8	2	245268	D	PLATE-END
9	2	244426	B	SNAP RING-END PLATE
10	2	245252	D	PLATE-CLUTCH PISTON WEAR
11	1	247662	D	ASSY-DISC SPRING 2ND-(INCLUDE 5 WASHERS)
12	1	247663	E	ASSY-DISC SPRING 1ST-(INCLUDE 7 WASHERS)
13	2	246390	F	RETAINER-SNAP RING
14	2	245255	F	SNAP RING-RETAINER
15	4	245243	D	BEARING-CLUTCH GEAR THRUST TORR NTA-2233
16	8	245244	D	WASHER-CLUTCH GEAR THRUST TRB-223
17	2	5JM 5	B	SNAP RING-2ND CLUTCH GEAR HUB
18	1	246512	B	SLEEVE-OIL DISTRIBUTOR
19	1	246408		SCREW-SLEEVE RETAINING
20	10	245238	D	DISC-OUTER 1ST
21	10	245239	D	DISC-INNER 1ST
22	5	245238	D	DISC-OUTER 2ND
23	5	245239	D	DISC-INNER 2ND
24	4			BEARING-CLUTCH GEAR - SEE GEAR GROUP
25	1			GEAR-1ST CLUTCH - SEE GEAR GROUP

N.S.S. - Not Sold Separately
N.I. - Not Illustrated
% - Part Stock Recommendation

Date : 09-AUG-07
Revised : A
MODEL : 4501422

T12000
GROUP-1ST AND 2ND SHAFT

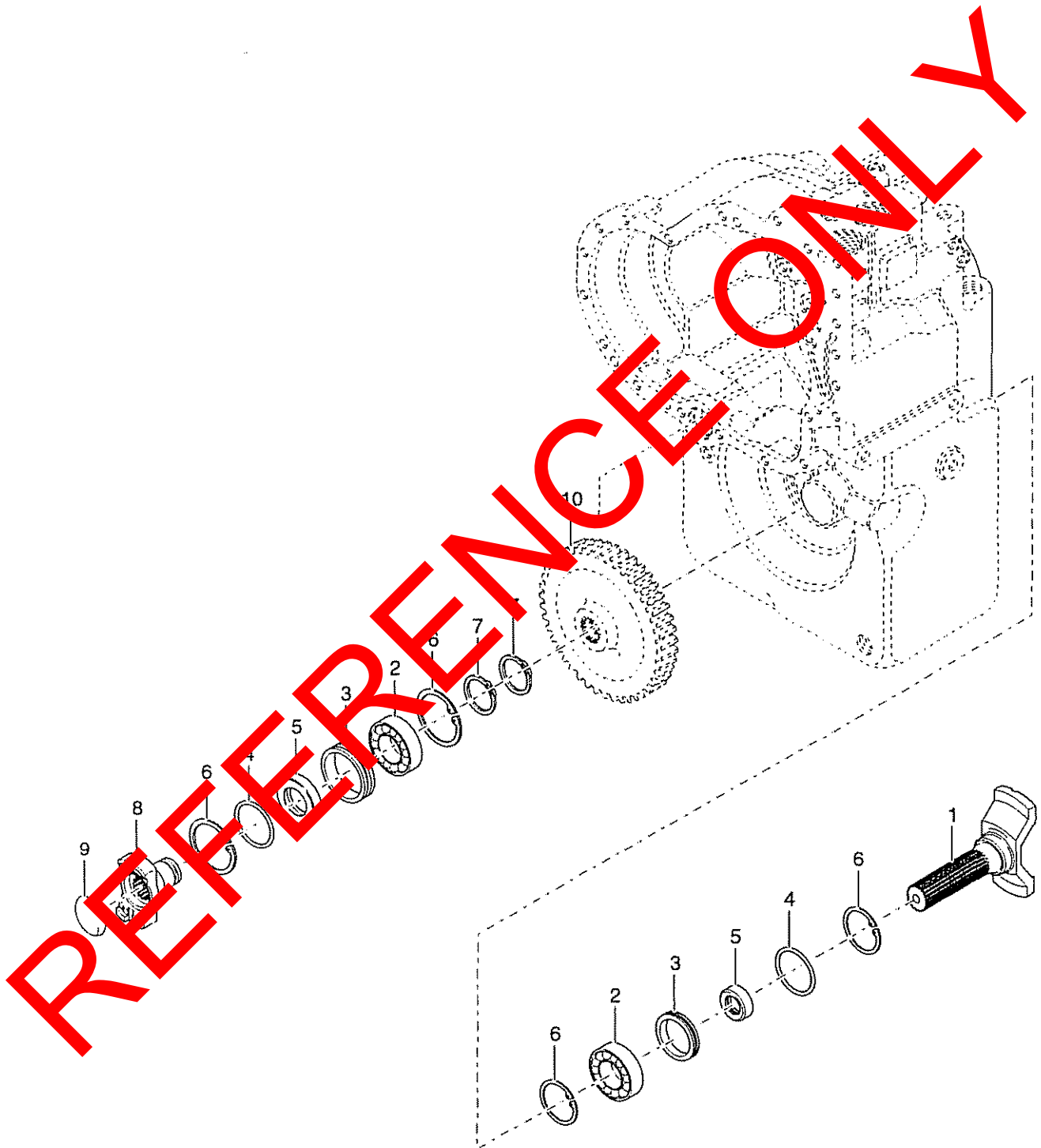
<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>%</u>	<u>Description</u>
26	1			GEAR-2ND CLUTCH - SEE GEAR GROUP
27	1			GEAR-3RD DRIVEN - SEE GEAR GROUP

REFERENCE ONLY

N.S.S. - Not Sold Separately
N.I. - Not Illustrated
% - Part Stock Recommendation

T12000

OUTPUT SHAFT GROUP



Date : 09-AUG-07
Revised : A
MODEL : 4501128

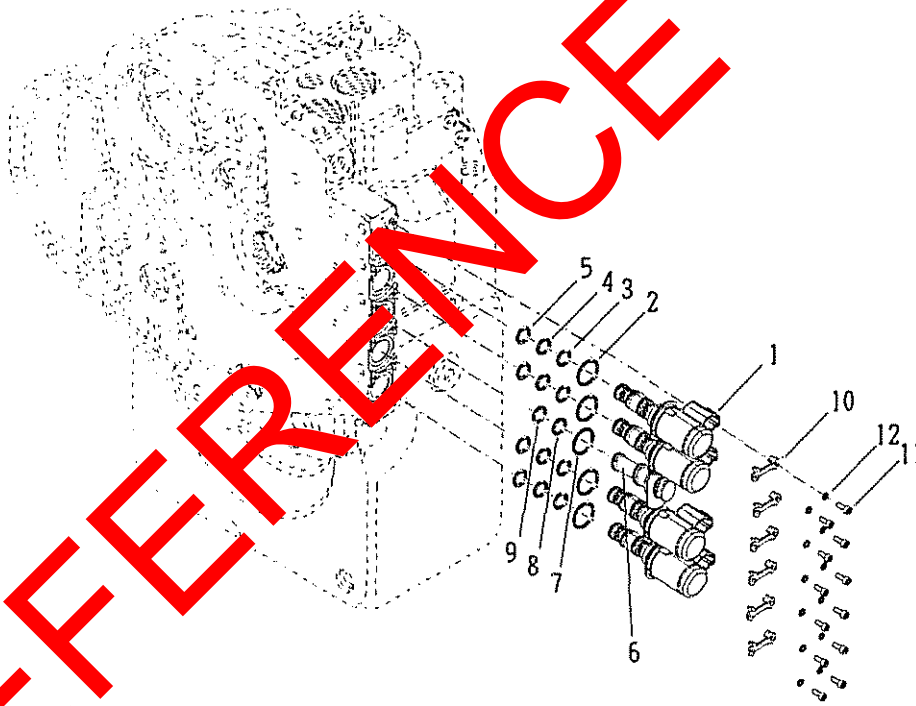
T12000

GROUP-OUTPUT SHAFT FRONT 5C REAR 5C

<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>%</u>	<u>Description</u>
1	1	4204895	E	FLANGE-OUTPUT SHAFT & BRAKE 5C REAR
2	2	225825	C	BEARING-OUTPUT SHAFT 210S
3	2	246397	C	SLEEVE-OIL SEAL
4	2	60K40308	B	"O"RING-OIL SEAL SLEEVE
5	2	4209656	B	OIL SEAL WITH GREASE PRELUBE
6	4	7JM90	C	SNAP RING-OUTPUT SHAFT BEARING
7	2	5JM50	C	SNAP RING-GEAR & FLANGE RETAINING
8	1	246610	E	ASSEMBLY-OUTPUT FLANGE & PLUG-INCL. ITEM 9
9	1	4202032		PLUG-OUTPUT SHAFT - PART OF ITEM 9
10				GEAR-OUTPUT SHAFT - SEE GEAR GROUP

N.S.S. - Not Sold Separately
N.I. - Not Illustrated
% - Part Stock Recommendation

T12000
GROUP CONTROL



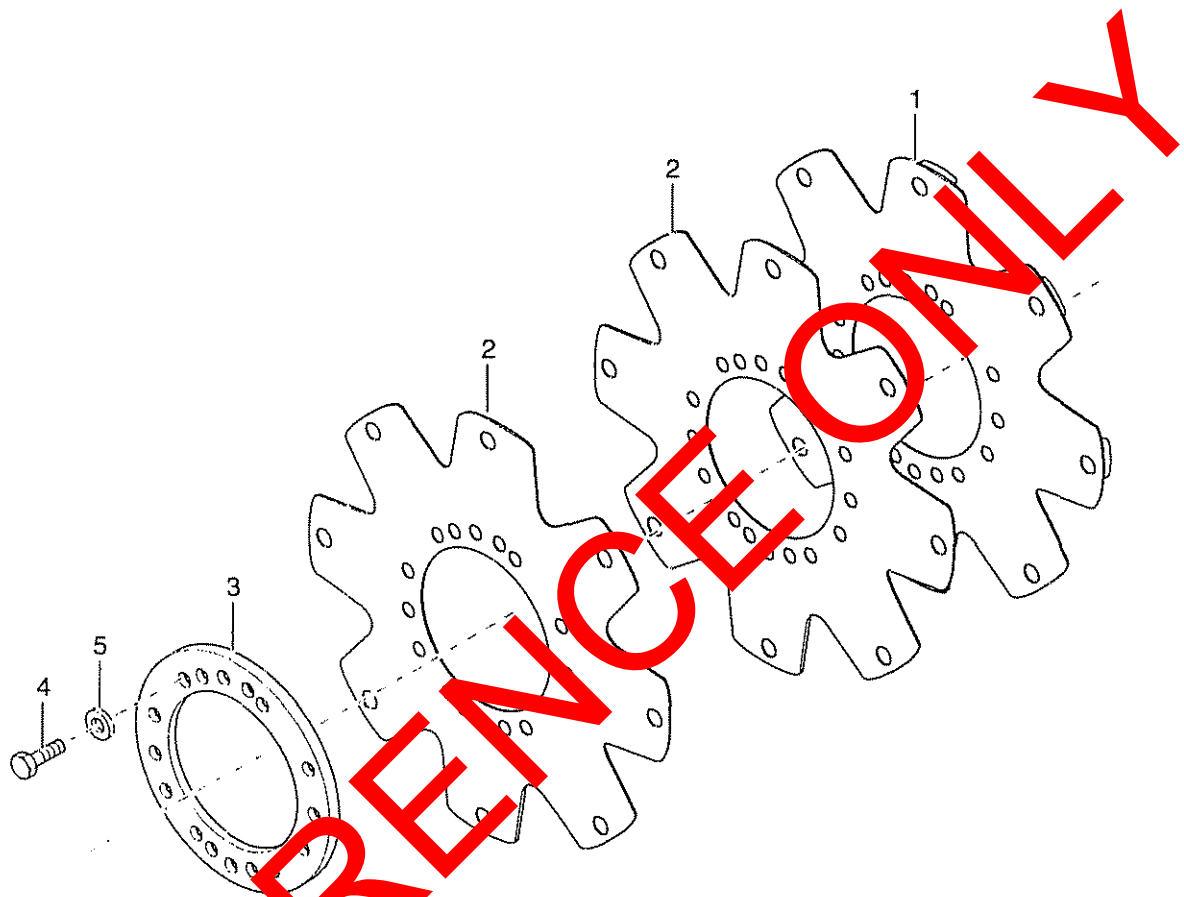
Date : 09-AUG-07
Revised : C
MODEL : 4503676

T12000
GROUP-CONTROL

<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>%</u>	<u>Description</u>
1	4	4210474	E	SOLENOID - DROP IN W/ DEUTSCH CONNECTOR 12V including items 2 thru 5
2	4	4210660	B	O-RING 21.5X1.5 MM VITON- PART OF ITEM 1
3	4	4210661	B	O-RING 15.1X1.60 MM VITON-PART OF ITEM 1
4	4	4210662	B	O-RING 14.1X1.60 MM VITON-PART OF ITEM 1
5	4	4210663	B	O-RING 12.1X1.60 MM VITON-PART OF ITEM 1
6	1	4210459	E	PLUG-SOLENOID BORE - INCLUDING ITEMS 7,8 & 9
7	1	4210711	B	O-RING 18.0X 2.20 MM VITON-PART OF ITEM 6
8	1	4210661	B	O-RING 15.1X1.60 MM VITON-PART OF ITEM 6
9	1	4210663	B	O-RING 12.1X1.60 MM VITON-PART OF ITEM 6
10	6	4210477		CLAMP - SOLENOIDS
11	12	4211328		SCREW M4X1.6 WITH INTEGRATED WASHER CLASS 10.9
12				Not Used On This Model

N.S.S. - Not Sold Separately
N.I. - Not Illustrated
% - Part Stock Recommendation

T12000
GROUP DRIVE PLATE



Date : 09-AUG-07
Revised : G
MODEL : 267086

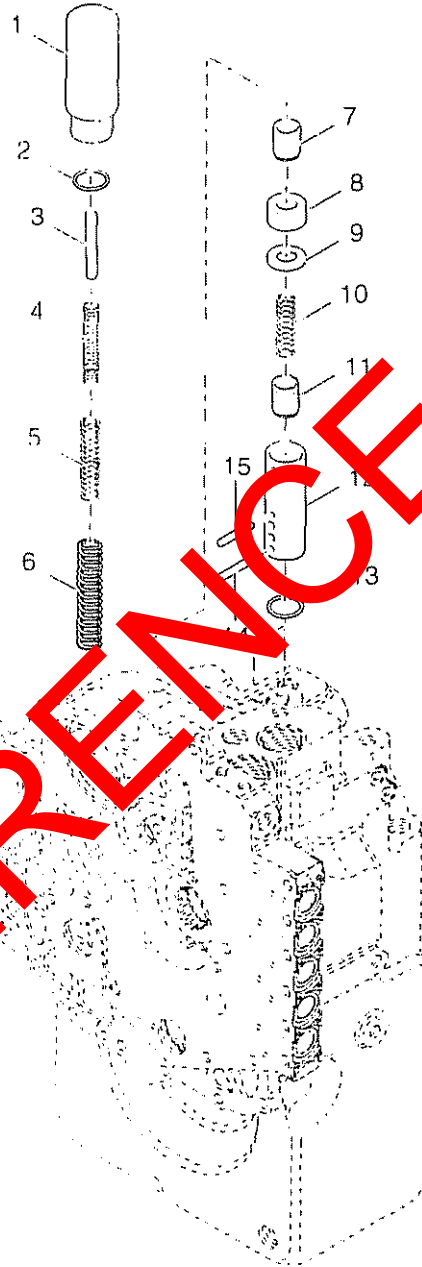
T12000
GROUP-DRIVE PLATE

<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>%</u>	<u>Description</u>
1	1	N.S.S.		ASSEMBLY-DRIVE PLATE -INCLUDE IN ITEM 6
2	2	N.S.S.		PLATE-DRIVE -INCLUDE IN ITEM 6
3	1	246615	B	RING-DRIVE PLATE BACKING
4	6	2C610	E	CAPSCREW
5	6	4E6		LOCKWASHER-DRIVE PLATE MTG SCREW
6	1	802425	D	KIT-DRIVE PLATE - INCLUDING ITEM 1 THRU 5

N.S.S. - Not Sold Separately
N.I. - Not Illustrated
% - Part Stock Recommendation

T12000

ASSEMBLY MODULATION VALVE



Date : 09-AUG-07
Revised : A
MODEL : 4201544

T12000
ASSEMBLY-MODULATION VALVE

<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>%</u>	<u>Description</u>
1	1	246396	E	HOUSING-MODULATION VALVE
2	1	60K40106	B	"O"RING-MODULATION HOUSING
3	1	237881	E	PIN-STOP
4	1	241666	D	SPRING-INNER
5	1	246594	D	SPRING-MIDDLE
6	1	246595	D	SPRING-OUTER
7	1	237877	D	SPOOL-ACCUMULATOR
8	1	246585	D	RETAINER-SPRING
9	1	246591	D	SPACER-SPRING
10	1	246405	D	SPRING-MODULATION VALVE
11	1	4201520	E	SPOOL-REGULATOR
12	1	246590	B	SLEEVE-MODULATION VALVE
13	1	60K20028	E	"O"RING-SLEEVE
14	1	4201461	E	PIN-LOWER
15	1	4201462	E	PIN-UPPER

N.S.S. - Not Sold Separately
N.I. - Not Illustrated
% - Part Stock Recommendation

26-AUG-05

ENGINEERING PARTS LIST

Nr: 802440

Model: T12000

KIT-GASKET & SEAL

QTY SHOWN IS TO MAKE ONE OF THE NEXT HIGHER ASSEMBLY

REV	P	PART NUMBER	QTY	S/E	PARTNAME AND APPLICATION
		246605	1		OIL SUPPLY TUBE SEAL RING
		60K30020	3		O RING
		230416	7		RING-PISTON
		244841	6		SEAL-CLUTCH PISTON - OUTER
		244128	6		SEAL-CLUTCH PISTON - INNER
		232640	1		STEER PUMP GASKET
		239218	1		DISCONNECT OIL SEAL
		91F11	1		DISCONNECT NUT O RING
		240244	1		DISCONNECT PISTON GLY RING
		60K30106	1		DISCONNECT PISTON GLYD O RING
		246544	1		SUPPORT PISTON RING
		246563	1		EXPANDER SLAVE-PISTON RING
		247257	1		CONVERTER HOUSING OIL SEAL
		60K30114	1		PISTON O RING
		246598	2		DISTRIBUTOR RING O RING
		232125	1		GASKET-CONVERTER HOUSING FRONT COVER
		246511	2		GASKET-CHARGING PUMP
		25K20006	1		BALL CHECK VALVE O RING
		25K40220			FILTER ADAPTOR OUTER O RING
		25K20105	1		FILTER ADAPTER INNER O RING
		246604	1		AUX PUMP GASKET
		351464	1		AUX PUMP GASKET
		245899	1		AUX PUMP GASKET
		60K40106	2		MODULATOR & INCHING HOUSING O RING
		60K30028	2		MODULATOR & INCHING SLEEVE O RING
		60K20010	1		REGULATOR SPOOL SLEEVE O RING
		241893	1		INCHING ROD OIL-SEAL

Ltr : A

Date: 28-AUG-03

ECN : 03463900B1

Issued : sv

Rel : sv

Date: 18-OCT-02

ERN : SERV

Sheet 1/..

26-AUG-05

ENGINEERING PARTS LIST

Nr: 802440

Model: T12000

KIT-GASKET & SEAL

QTY SHOWN IS TO MAKE ONE OF THE NEXT HIGHER ASSEMBLY

REV	P	PART NUMBER	QTY	S/E	PARTNAME AND APPLICATION
		4201490	1		CONVERTER HOUSING TO PLATE GASKET
		4201491	1		GASKET-PLATE TO CASE
		25K20007	1		CHECK VALVE O RING
		60K20102	1		HYD INCHING O RING
		4202066	1		ESPD O RING
		78K8	1		O RING
		76K20	10		O RING
		76K14	1		O RING
		76K12	1		O RING
		236629	4		OIL SEAL

Ltr : A
Date: 28-AUG-03
ECN : 03463900B1

Issued : sv

Rel : sv
Date: 18-OCT-02
ERN : SERV

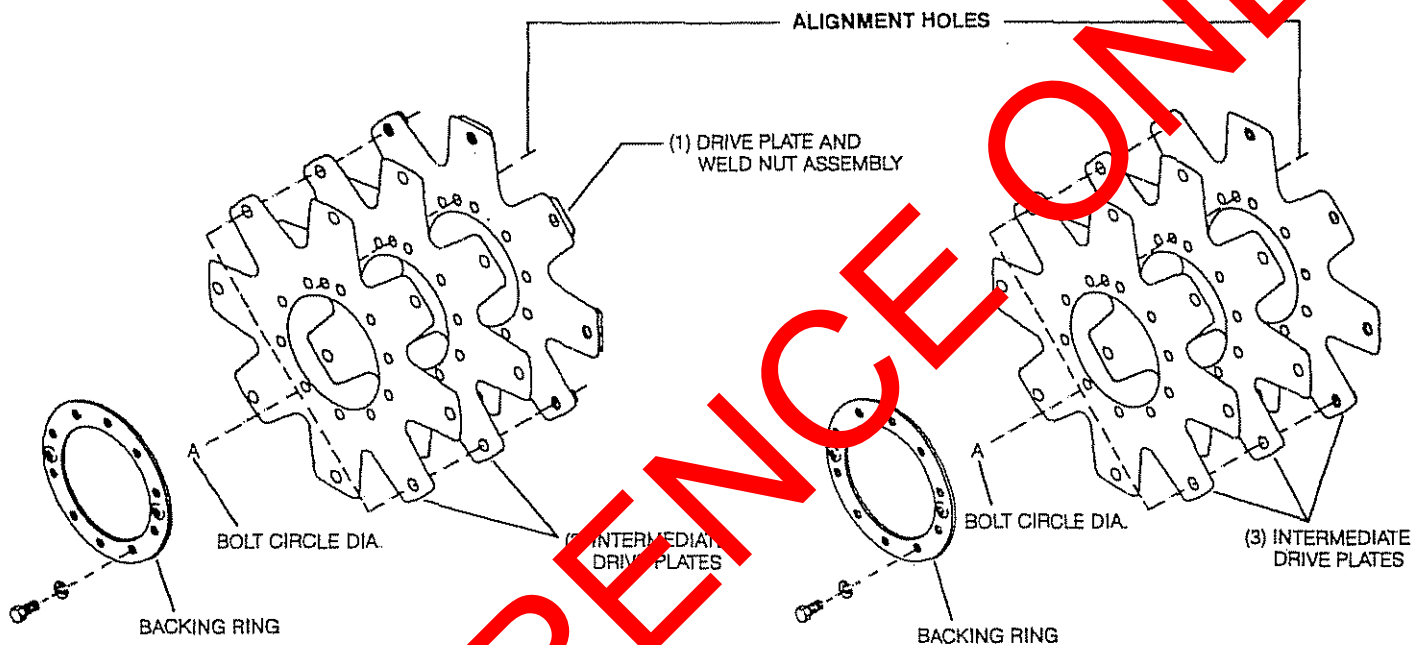
TECHNICAL SERVICE BULLETIN

SUBJECT: T-12000 Series Transmission Drive Plate Kits.

REASON FOR BULLETIN: Proper Identification by Bolt Circle Diameter.

Measure the "A" dimension (Bolt Circle diameter) and order Drive Plate Kit listed below.

Note two (2) kits have two (2) intermediate drive plates and one (1) drive plate and weld nut assembly. Two (2) kits with three intermediate drive plates.



"A" Dimension (Bolt Circle Diameter)

11.380" [288,900 mm] Diameter
Kit No. 802501
13.125" [333,38 mm] Diameter
Kit No. 802424
13.500" [342,90 mm] Diameter
Kit No. 802425

Each Kit will include the following parts:

- 2 Intermediate Drive Plates.
- 1 Drive Plate and Weld Nut Assembly.
- 1 Backing Ring.
- 6 Mounting Screws.
- 6 Lock Washers.
- 1 Instruction Sheet.

"A" Dimension (Bolt Circle Diameter)

11.380" [288,900 mm] Diameter
Kit No. 802543
13.125" [333,38 mm] Diameter
Kit No. 802426
13.500" [342,90 mm] Diameter
Kit No. 802427

Kit will include the following parts:

- 3 Intermediate Drive Plates.
- 1 Backing Ring.
- 6 Mounting Screws.
- 6 Lock Washers.
- 1 Instruction Sheet.

TO FACILITATE ASSEMBLY, ALIGN SMALL HOLES IN DRIVE PLATES — SEE ILLUSTRATION ABOVE — ALIGNMENT HOLES.

Position drive plate and weld nut assembly on torque converter assembly with weld nuts toward converter. Align intermediate drive plates and backing ring with holes in torque converter assembly. **NOTE:** Two dimples 180° apart in backing ring must be out (toward engine flywheel). Install capscrews and washers. Tighten 26 to 29 ft. lbs. torque [35 - 39 N.m].

Over for TRANSMISSION TO ENGINE INSTALLATION PROCEDURE

TRANSMISSION TO ENGINE INSTALLATION PROCEDURE

1. Remove all burrs from flywheel mounting face and nose pilot bore. Clean drive plate surface with solvent.
2. Check engine flywheel & housing for conformance to standard SAE No. 3 per SAE J927 and J1033 tolerance specifications for pilot bore size, pilot bore runout and mounting face flatness. Measure and record engine crankshaft end play.
3. Install two 2.50 [63,50 mm] long transmission to flywheel housing guide studs in the engine flywheel housing as shown. Rotate the engine flywheel to align a drive plate mounting screw hole with the flywheel housing access hole.
- *4. Install a 4.00 [101,60 mm] long drive plate locating stud .3750 - 24 fine thread in a drive plate nut. Align the locating stud in the drive plate with the flywheel drive plate mounting screw hole positioned in step No. 3. Locate transmission on flywheel housing.
5. Rotate the transmission torque converter to align the locating stud in the drive plate with the flywheel drive plate mounting screw hole positioned in step No. 3. Locate transmission on flywheel housing.

Aligning drive plate to flywheel and transmission to flywheel housing guide studs, install transmission to flywheel housing screws. Tighten screws to specified torque. Remove transmission to engine guide studs. Install remaining screws and tighten to specified torque.

- *6. Remove drive plate locating stud.
7. Install drive plate attaching screw and washer. Snug screw but do not tighten. Some engine flywheel housings have a hole located on the flywheel housing circumference in line with the drive plate screw access hole. A screwdriver or pry bar used to hold the drive plate against the flywheel will facilitate installation of the drive plate screws. Rotate the engine flywheel and install the remaining seven (7) flywheel to drive plate attaching screws. Snug screws but do not tighten. After all eight (8) screws are installed torque each one 26 to 29 ft-lbs torque [35 - 39 N-m]. This will require tightening each screw and rotating the engine flywheel until the full amount of eight (8) screws have been tightened to specified torque.
8. Measure engine crankshaft end play after transmission has been completely installed on engine flywheel. This value must be within .001 [0,025 mm] of the end play recorded in step No. 2.

*Does not apply to units having 3 intermediate drive plates. See Fig. 4.

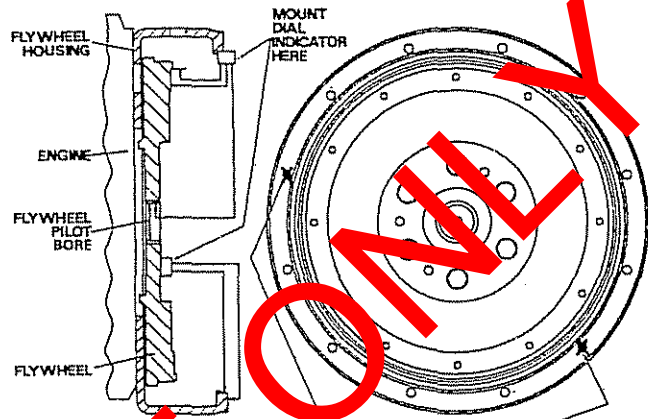


FIG 1

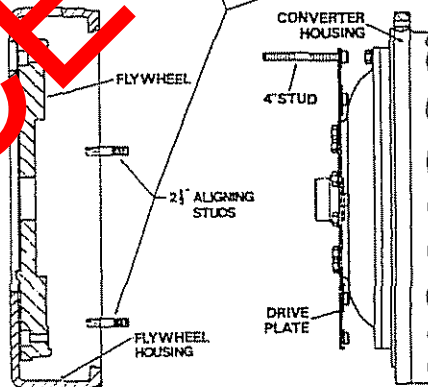


FIG 2

SPECIAL STUD, WASHER AND SELF LOCK NUT FURNISHED BY ENGINE MANUFACTURER.

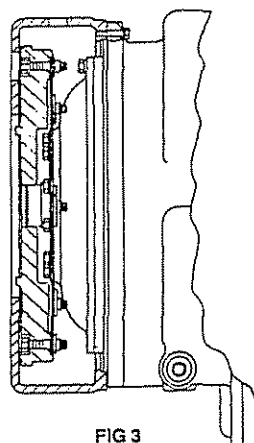


FIG 3

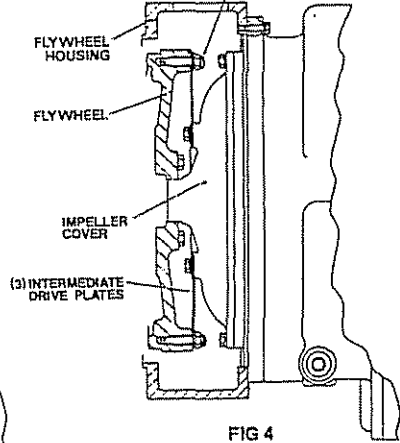


FIG 4

PART STOCK RECOMMENDATION

A minimum spare parts inventory recommendation is incorporated in this illustrated service parts list and is designated by a letter.

The following listing indicates the percentage factor in letter code which should be used in determining your stocking quantities. Any quantity less than 1 or partial quantities need not be stocked.

A.	15%
B.	10%
C.	6%
D.	4%
E.	2%

EXAMPLE 1: Letter Code "E" = 2%

Part quantity per unit = 1

If field population or quantity units = 75

Recommended stock is 75 units x 1 per unit x .02 = 1.5 or 1 part minimum stock.

EXAMPLE 2: Letter Code "B" = 10%

Part quantity per unit = 4

If field population or quantity units = 66

Recommended stock is 66 units x 4 per unit x .10 = 26.4 or 26 parts minimum stock.

EXAMPLE 3: Letter Code "D" = 4%

Part quantity per unit is AR. Parts quantities denoted by AR (as required) such as shims, should be ordered by a quantity of 3 times the percentage factor.

If field population or quantity units = 42

Recommended stock is 42 units x 3 factor x .04 = 5.04 or 5 parts minimum stock.

EXAMPLE 4: Letter Code "C" = 6%

Part quantity per unit = 2

If field population or quantity units = 203

Recommended stock is 203 units x 2 per unit x .06 = 24.4 or 24 parts minimum stock.

NOTE: ADD PART QUANTITIES PER UNIT TIMES FIELD POPULATION WHEN ORDERING STOCK PARTS.

(OVER FOR POWER SHIFT TRANSMISSION & CONVERTER SEALING KITS.)