



PARTS CATALOG

ENGINE

CUMMINS *B3.9-C*

For AUTHENT50ZA,A-2,50ZIV,IV-2

Engine Serial No. 26200001 ~

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ご使用のまえに

I. はじめに

このパーツカタログは、表紙に記載しているエンジンに適用します。

II. 部品のご注文について

部品をご注文の際は、このパーツカタログのイラストとリストをご参照の上、機種名・車台番号・E/G シリアル No.・部品番号・部品名称・必要数量等を明確にご連絡下さい。

III. パーツカタログの見方について

パーツカタログ上のイラストは、部品の「位置・形状」を、部品のご注文に際し、支障のない範囲で示してありますので、必ずしも現品と一致いたしません。

1. リストの見方

下記、例示リストを参考に、ご理解願います。

SYM BOL	PART NUMBER	PART NAME	UNIT Q'TY	SERIAL		N P D	REMARKS				REMARK
				(A)	(B)		(A)	(B)	(C)	(D)	
1A	Y*1010102D26	OVERHAUL KIT	1	101	120		Y01				
B	Y*1010102D27	OVERHAUL KIT	1	121	-	B					
2A	Y*1229834N00	GASKET	1	101	-		Y02				
3A	Y*1227943G00	SEAL,OIL	1	101	120						
B	Y*1227943G10	SEAL,OIL	1	121	-	B	WA1				
4A	Y*1112110G00	GASKET	1	101	120						
B	Y*1112110G10	GASKET	1	121	-	B	A1				
41A	Y*1446543G17	SEAL	3	101	-		01	02			
42A	Y*1446543G19	SEAL	2	101	-		01	02			
51A	Y*1351043G00	SEALOIL	1	101	-		QK1				
61A	Y*1303754T00	GASKET	1	101	-		K1				
62A	Y*1327054T01	GASKET	1	101	-		K1				

○ 付き数字の内容は、次のとおりです。

① ○○○ (機種コード)

パーツカタログの機種コード (本体機種名とは異なります)

② □□□ (装置番号)

SECTION INDEX で索引する場合のキーとなります。

MEMO

オイル パン
OIL PAN

SYM-BOL	PART NUMBER	PART NAME	UNIT Q,TY	SERIAL (A) - (B)	REMARKS					
					N	P	D	(A)	(B)	(C)
1A	YE3901049	パン,オイル PAN,OIL	1	200001 -						
2A	YE3902425	ワッシャ,シール WASHER,SEAL	1	200001 -						
3A	YE3924148	プラグ PLUG	1	200001 -						YE3924147
4A	YE3900631	ボルト(ワッシャツキ) BOLT,W/WASHER	2	200001 -						
5A	YE3920795	パイプ,オイル PIPE,OIL	1	200001 -						
6A	YE3907860	ボルト BOLT	28	200001 -						
7A	YE3920773	ワッシャ,シール WASHER,SEAL	1	200001 -						
8A	YE3924147	プラグ PLUG	1	200001 -						YE3924148
9A	YE3911535	ガスケット GASKET	1	200001 -						
10A	YE3914383	ガスケット GASKET	1	200001 -						
11A	YE3900630	ボルト(ワッシャツキ) BOLT,W/WASHER	1	200001 -						
13A	YE3929093	プレート PLATE	1	200001 -						(NOISE PANEL)
16A	YE3900955	プラグ PLUG	1	200001 -						
17A	YE3905127	チューブ TUBE	1	200001 -						
18A	YE3904287	ゲージ,レベル GAUGE,LEVEL	1	200001 -						
21A	YE101322	キャップ CAP	1	200001 -						
22A	YE3911696	チューブ TUBE	1	200001 -						
23A	YE3906696	シール SEAL	1	200001 -						
24A	YE3901249	ボルト(ワッシャツキ) BOLT,W/WASHER	2	200001 -						
31A	YE3900677	ボルト BOLT	4	200001 -						
32A	YE3926202	ポンプアッセン,オイル PUMP ASSY,OIL	1	200001 -						

ターボチャージャ オイル パイピング
TURBOCHARGER OIL PIPING

SYM-BOL	PART NUMBER	PART NAME	UNIT Q,TY	SERIAL (A) - (B)	REMARKS					
					N	P	D	(A)	(B)	(C)
1A	YE3900630	ボルト(ワッシャー) BOLT,W/WASHER	2	200001 -						
2A	YE3928919	ガスケット GASKET	2	200001 -						
3A	YE3282153	ホース HOSE	1	200001 -						
4A	YE3922789	コネクタ CONNECTOR	2	200001 -				Y01		
5A	YE3037236	リング,O RING,O	1	200001 -				01		
7A	YE3928624	リング,O RING,O	2	200001 -						
8A	YE3929515	チューブ TUBE	1	200001 -						

ファン & ファン プーリ
FAN AND FAN PULLEY

SYM-BOL	PART NUMBER	PART NAME	UNIT Q,TY	SERIAL (A) - (B)	REMARKS						
					N	P	D	(A)	(B)	(C)	(D)
1A	YE3913433	サポ-ト SUPPORT	1	200001 -				Y01			
2A	YE3035960	リング,リテナ RING,RETAINER	2	200001 -				01			
3A	YE3907769	ボルト BOLT	1	200001 -				01			M10X1.75X70
4A	YE3923044	リング,リテナ RING,RETAINER	1	200001 -				01			
5A	YE3910739	ベアリング,ボール BEARING,BALL	1	200001 -				01			
6A	YE3911924	ハブ,ファン HUB,FAN	1	200001 -				01			
7A	YE3913434	サポ-ト SUPPORT	1	200001 -	N			01			
8A	YE3914462	プーリ PULLEY	1	200001 -							FR FAN DRIVE
9A	YE3928873	ボルト BOLT	4	200001 -							
11A	YE3919624	プーリ PULLEY	1	200001 -							FR ACCESSORY D
12A	YE3911316	ファン FAN	1	200001 -							
13A	YE3863446	ボルト BOLT	4	200001 -							
14A	YE3910130	スペーサ SPACER	2	200001 -							
21A	YE3863439	ブラケット BRACKET	1	200001 - 256930			D				
22A	YE3925186	スクリユウ SCREW	2	200001 - 256930			D				
23A	YE3904446	ボルト,フランジ BOLT,FLANGED	1	200001 - 256930			D				
24A	YE3922605	ベルト,V BELT,V	1	200001 - 256930			D				
25A	YE3928748	アジャスタ ADJUSTOR	1	200001 - 256930			D				
31A	YE3900631	ボルト(ワッシャツキ) BOLT,W/WASHER	1	200001 -							M8X1.25X25
32A	YE3904446	ボルト,フランジ BOLT,FLANGED	1	200001 -							M10X1.5X70
33A	YE3911562	ベルト BELT	1	200001 -							
34A	YE3922900	サポ-トアッセン SUPPORT ASSY	1	200001 - 215722							
34B	YE3934818	サポ-トアッセン SUPPORT ASSY	1	215723 -			C				
35A	YE3925186	スクリユウ SCREW	1	200001 -							M8X1.25X25
36A	YE3863421	ブラケット BRACKET	1	200001 -							(3863439)



4

Model 50ZIV-2

(CUMMINS B3.9-C)

<LA8>

PART No. AAAP05217-4



PART No.AAAP05217-4
(93305-00094)

February 2004

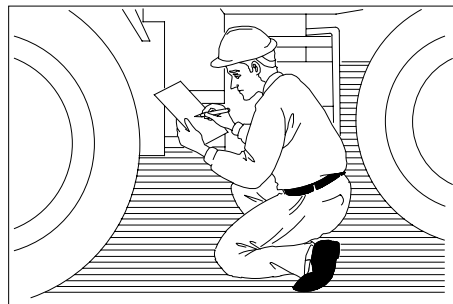
WHEEL LOADER PARTS CATALOG

Model 50ZIV-2

Powered by CUMMINS B3.9-C Engine

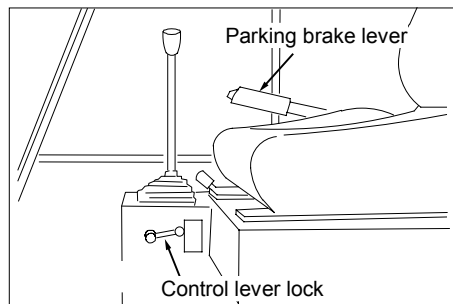
Serial No. 50C2-0101 ~

Perform the normal daily maintenance.

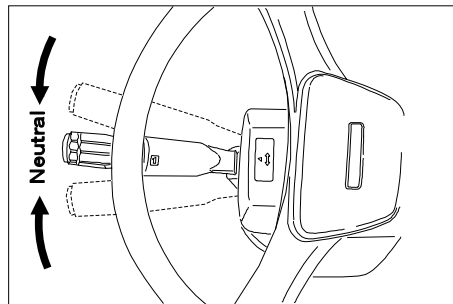


Be sure the following safety devices work or are positioned properly.

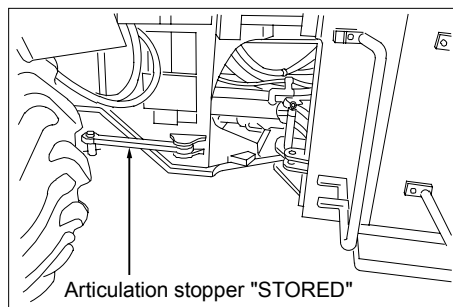
- Parking Brake -- Applied
- Control Lever Lock -- Locked



- Transmission Shift Lever -- Neutral



- Articulation Stopper -- Locked in the "STORED" position.
- Back-up Alarm -- Operational



Securely lock the cab door either fully open or closed.

Secure any loose items inside the cab (lunch boxes, tools, vacuum bottles, etc.).

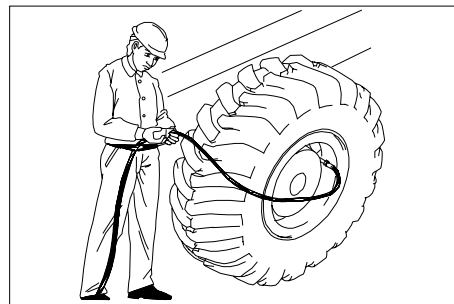
After using the ashtray, close the ashtray cap to avoid fire.

Do not leave a lighter in the cab. The lighter may cause explosion by high temperature in the cab.

Tire and rim assemblies if improperly serviced can explode with deadly force. When inflating tires;

- Make sure wheel parts are correctly installed.
- Use a self attaching (locking) air chuck.
- Use a remotely located valve to turn air pressure on and off.

- Stand behind the tread not beside the rim.
- Do not inflate tires more than the recommended pressure.
- Use a safety cage for a repaired tire.



Do not operate the engine where there are or can be combustible vapors. These vapors can be drawn through the air intake system and cause engine overspeeding, which can result in a fire, and explosion.

To prevent ignition, use the luminaire when checking oil, cooling water, fuel and battery electrolyte level.

Move ignitable things to a safe place when grinding welding or gas cutting.

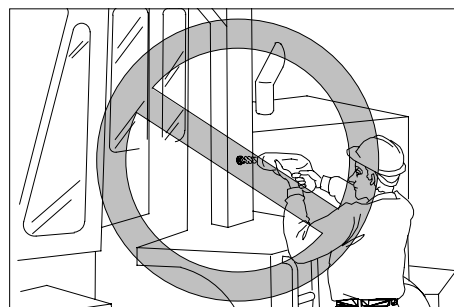
Charge a battery at well ventilated place and keep fire away from it during charging.

Other Maintenance Safety Concerns

Periodically check the ROPS bolts (if equipped) to be sure they are in place and tight.

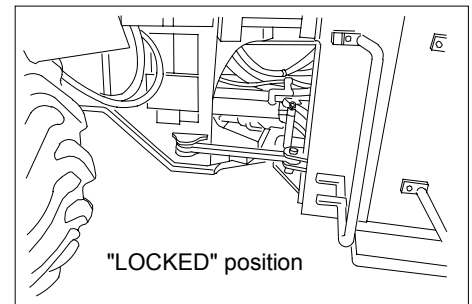
Never weld, drill or in any way modify the ROPS without approval from the manufacturer.

Stop the engine before opening the engine side panel. Contact with belts, pulleys, or other moving parts will cause injuries.

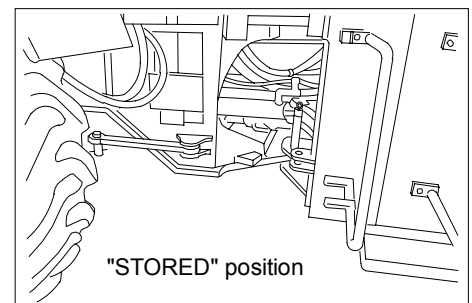


During servicing, inspect the wiring harnesses, connections and wires and replace any that may be chafed, or tighten any that may be loose.

3. Turn the link and fix the end to the bracket on the rear chassis with the pin and clip pin. (This is the LOCKED position.)
4. Keep the bolt on the bracket.

**To unlock:**

1. Remove the clip pin and pin from the end of the articulation stopper on the rear chassis bracket.
2. Turn and set the link on the front chassis bracket. Tighten the bolt to fix the link on the bracket. (This is the STORED position.)



3. Insert the pin and clip pin.

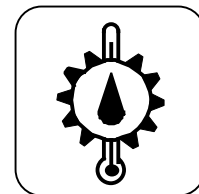
Neutral Start System

The transmission has a neutral start system which allows the engine to start only when the transmission shift lever is in NEUTRAL position.

5. Transmission Oil Temperature Lamp (red)

Lights up when transmission oil overheats.
(Over 120 ± 5 C (248 ± 9 F))

- If it lights up while operating, slow the engine speed down to midrange, shift to neutral, and wait until the lamp goes out.
- If the light does not go out quickly or lights up again after resuming the operation, stop the engine and find the cause. Refer to "Troubleshooting" page 134.

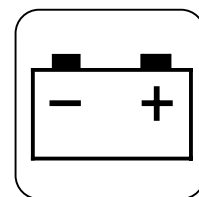


T/M OIL TEMP

6. Charge Lamp (red)

Lights up when the alternator charge level is low.

- If it lights up, check the charging circuit. Refer to "Troubleshooting" page 132.



CHARGE

7. Brake Oil Lamp (red)

Lights up when brake oil level is lower than specified .
The warning buzzer sounds when this lamp lights up.



BRAKE

WARNING

Loss of braking force could result in death or serious injury.

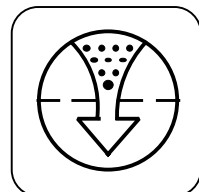
Stop machine immediately and correct problem if brake oil lamp lights up.

- If it lights up while operating, stop the machine **immediately** and check for leaks in the brake circuit.
- Refill the brake oil reservoir as needed. Refer to "Check Brake Oil Level" page 58.

8. Air Filter Element Lamp (red)

Lights up when air filter is clogged.

- If it lights up while operating, stop the engine and clean or replace the air cleaner element. Refer to "Clean or Replace Air Cleaner Element" page 97.



AIR FILTER

SEEK :

When this button is depressed continuously for 0.5 second or more, the SEEK mode is selected: the system automatically searches radio waves, tuning in on the radio.

4. Preset Button (1 to 6)

Preset memory call :

By pushing and releasing this button in less than 2 seconds, recall mode is selected, and the frequency stored in memory in advance is selected.


Preset memory write :

When this button is depressed continuously, the guide tone sounds in 2 seconds, and the frequency being received is written (stored) completely.

5. Traffic Information (HIGHWAY)

Traffic information access :

Each time this button is depressed, traffic information ON/OFF is repeated.

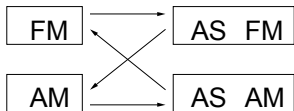
When this button is depressed during radio reception, the system enters the traffic information receiving condition, and the display is switched to "AM1620", the traffic information mark () lighting up.

When the power is turned OFF during traffic information reception, or when the power is turned ON again with the starter switch "OFF", or when the starter switch is turned ON, the receiving frequency returns to the frequency before traffic information reception.

6. Band Selector Button (BND)

Band selection :

Each time when this button is depressed, the four receiving bands are changed over in the order as shown.





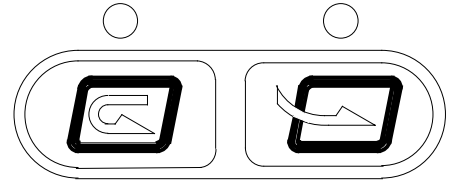
For each band specification, refer to the table.

	FM	AS FM	AM	AS AM
Manual tuning				
SEEK				
Preset (1 to 6)				
Preset scan				
Automatic storing	x		x	

3. Air Intake Control Switch

Air intake control switch is used to select intake air, either outside air or recirculated air.

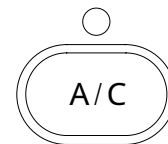
- Press () switch to allow filtered fresh air from outside the machine and pressurize the cab.
- Press () switch to recirculate and filter air inside the cab. The cab is heated or cooled more effectively with this mode.



4. Air Conditioner On-Off Switch

Air conditioner on-off switch is used to turn on and off the air conditioner for cooling and dehumidifying function.

- With the switch pressed, the air conditioner turns on.
- Pressing the switch again will turn the air conditioner off.

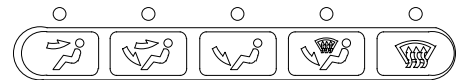


5. Ventilation Mode Selecting Switches

These switches are mode for selecting the ventilation mode.

Five selection mode are prepared such as FACE, FACE / FOOT, FOOT, FOOT / DEF, DEF.

When pushing one of the ventilation selecting switches, a green indicator lamp lights and the ventilation location is shown on the switch.



Operation

Cooling

- For maximum cooling, open the vents FACE and close other vents.
- If the air in the cab is very hot, ventilate the cab by opening the door and window before cooling.
- In summer, the ideal air temperature is about 5 °C (9 °F) lower than the outside temperature.

Contact your nearest Kawasaki dealer or local tire dealer for tire replacement.

P. Check Horn Operation

1. Push the horn button in the center of the steering wheel.
2. The horn should sound loudly.

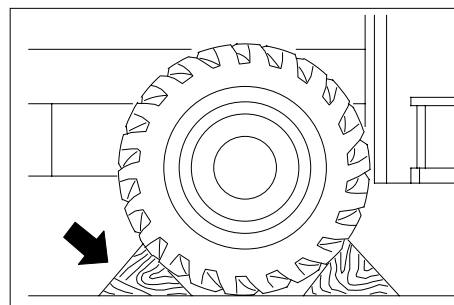
Parking

⚠ WARNING

Unexpected movement of machine could result in death or serious injury.

Park machine in safe place on firm level ground.

If machine has to be parked on a grade, place wheel chocks in front of and behind wheels and dig attachment into ground.

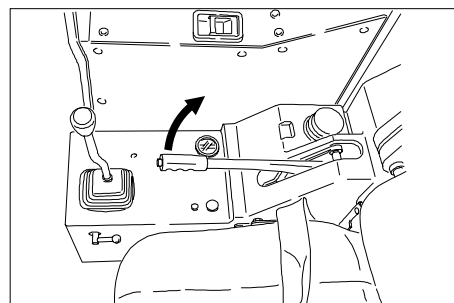


IMPORTANT

Applying parking brake while moving may cause rapid brake lining wear and loss of parking braking force.

Do not apply parking brake while machine is moving.

1. Release the accelerator pedal.
2. Apply the service brake to stop the machine.
3. Shift the transmission shift lever to "NEUTRAL".
4. Apply the parking brake.



5. Lower the attachment to the ground and apply a small amount of down pressure.

Roading / Special Applications

 WARNING

Overheated tire could explode causing serious injury or death.

If overheated tire is suspected during operation or servicing, do not approach tire to distance of less than 15 m.

When the machine travels at high speed or for a long distance, the tires or other components may become extremely hot causing an explosion or early wear.

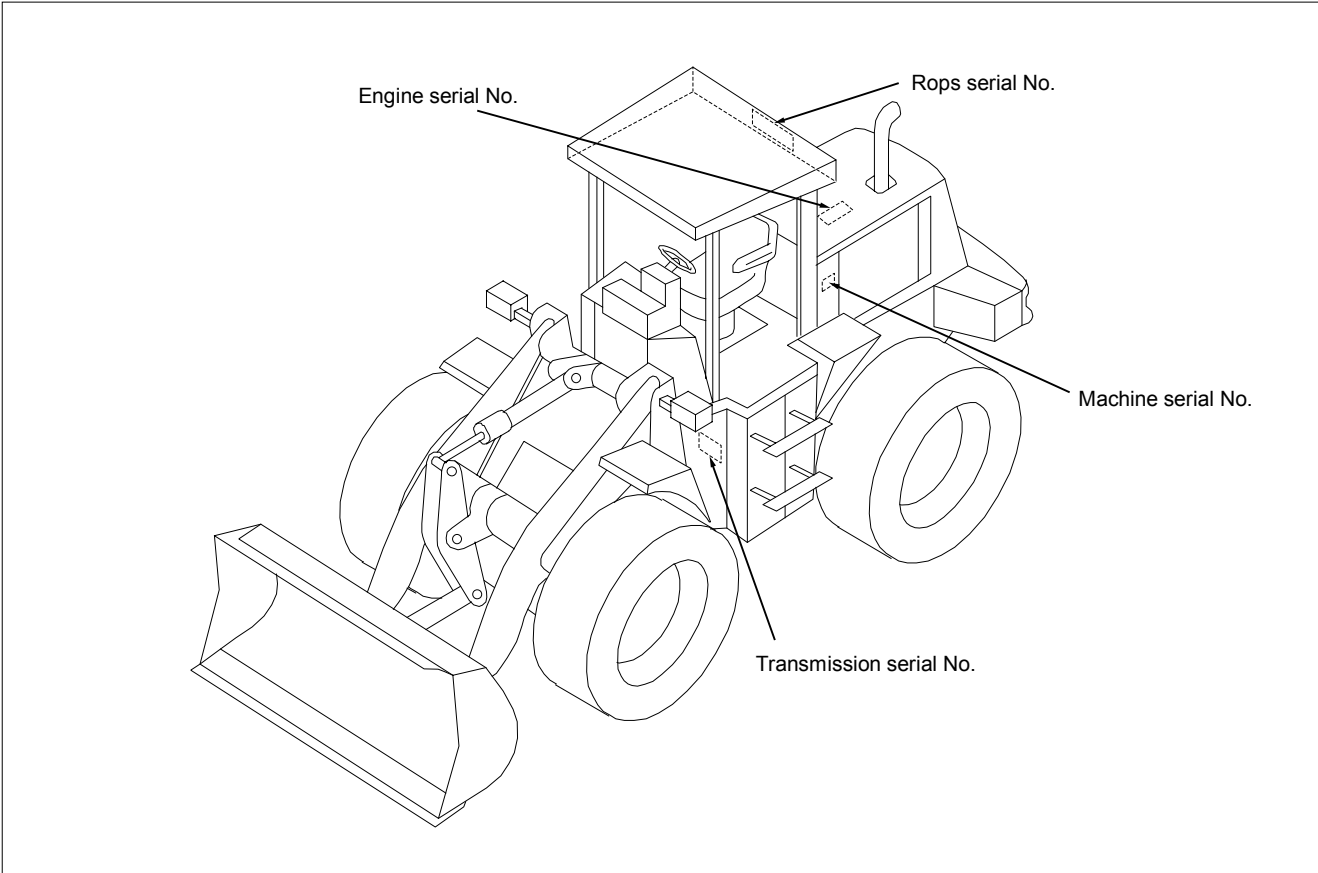
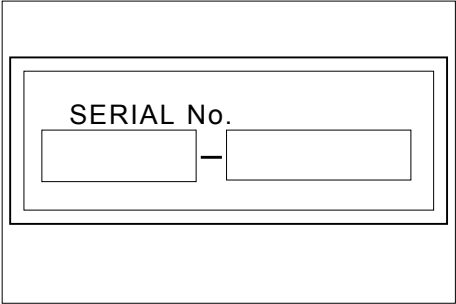
If the machine must be driven for a long distance, take the following precautions:

- Follow the regulations related to this machine, and drive carefully.
- The most suitable tire pressure, travel speed, or tire type differ according to the condition of the travel surface. Contact your nearest Kawasaki dealer or a tire dealer for information.
- "Ton km/h" (Ton MPH) limitations must be observed. Consult a tire dealer for the speed limit of the tires involved.
- After travelling for one hour, stop for 30 minutes to allow the tires and components to cool. Check the tires and other parts for damage.
- Do not put calcium chloride or dry ballast in the tires when travelling.
- Whenever possible use a lead and / or follow vehicle and all available warning devices even if not required by regulations.

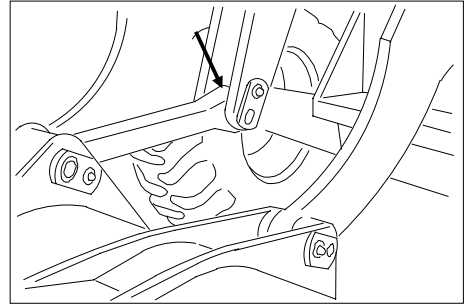
4. ROPS/EROPS Serial Number:

Model Number _____

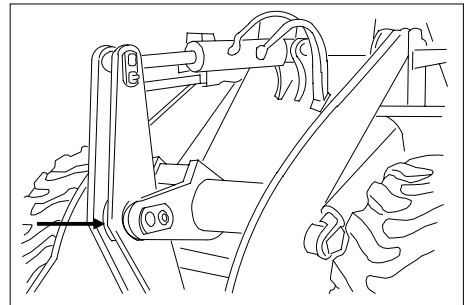
Serial Number _____



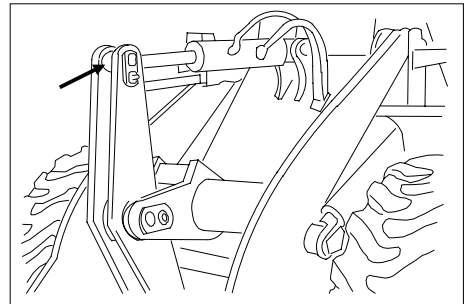
•Lever-Rod (one place)



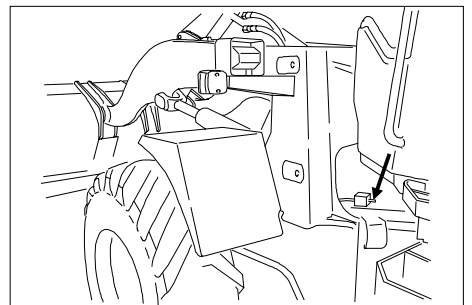
•Lever-Boom (one place)



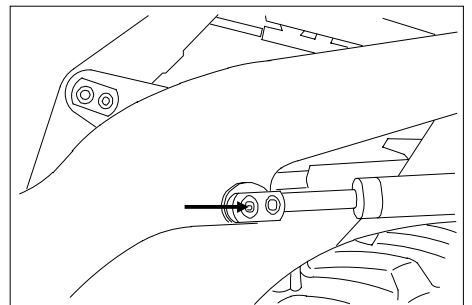
•Bucket Cylinder-lever (one place)



•Bucket Cylinder-Front Chassis (one place)



•Boom Cylinder-Boom (two places)

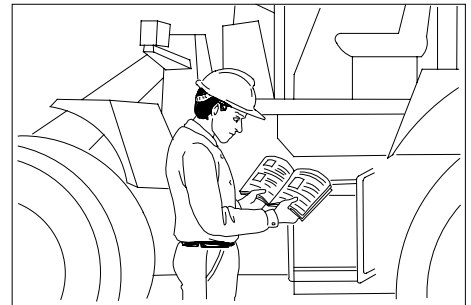


Every 500 Hours or 3 Months Inspection and Maintenance

⚠ WARNING

Improper inspection or maintenance could result in death or serious injury.

Read, understand, and follow all warnings and instructions contained in "Safe Maintenance" page 10 before performing any inspection or maintenance procedures.



Every 500 hours or 3 months, whichever comes first, perform the following inspection and maintenance in addition to the "Daily", "50 hours", and "250 hours" inspection and maintenance.

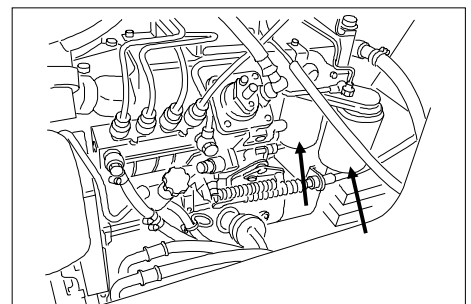
A. Replace Fuel Filters

⚠ CAUTION

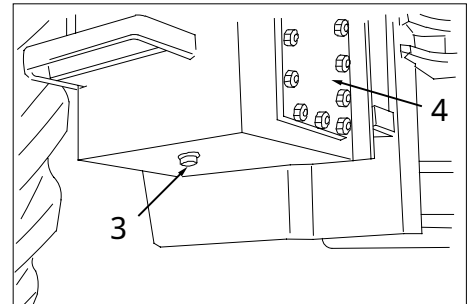
Escaping fuel is flammable and harmful to skin.

- Do not smoke while draining moisture and sediment from filter.
- Do not drain with engine running.
- Do not allow fuel to remain on skin for extended period of time. Wash thoroughly with soap and water.

1. Park the machine on level ground, apply the parking brake, lower the attachment to the ground, and stop the engine.
2. Place a small drain pan (about 1 liter) under the filters.
3. Remove and properly dispose of the fuel filters.
4. Clean the filter head gasket surface.
5. Apply a light film of clean engine oil to the gasket surface of each filter.
6. Fill the filters with clean fuel.
7. Install each filter on the filter head.
Turn it until the gasket contacts the filter head surface.



6. Remove the drain plug (3) to drain oil.
7. Remove the nuts on the side cover (4) to remove the side cover.
8. Clean inside of the tank and the magnet plug.
9. Install new gasket, and cover, and tighten the nuts. Do not overtighten the nuts.
10. Install and tighten the drain plug.
11. Add the specified hydraulic oil.
Refer to "Recommended Lubricants" page 129.
12. Close the oil inlet cap.
13. Start the engine and allow the engine idle for five minutes.
14. Operate the bucket, boom, and steering cylinder for about five minutes, then lower the attachment.
15. Inspect for leaks.
16. Make sure the hydraulic oil is to the center of the oil level gauge. Add hydraulic oil if necessary.



B. Replace Coolant

Since the Anti-Freeze "Long Life Coolant" (LLC) is originally used for the machine shipped from the factory, it is not necessary to replace the coolant for the first two years or 3000 hours.

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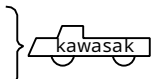

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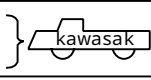
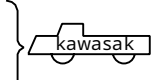
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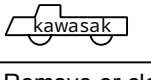
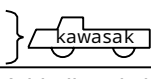
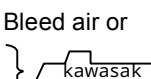
STEERING

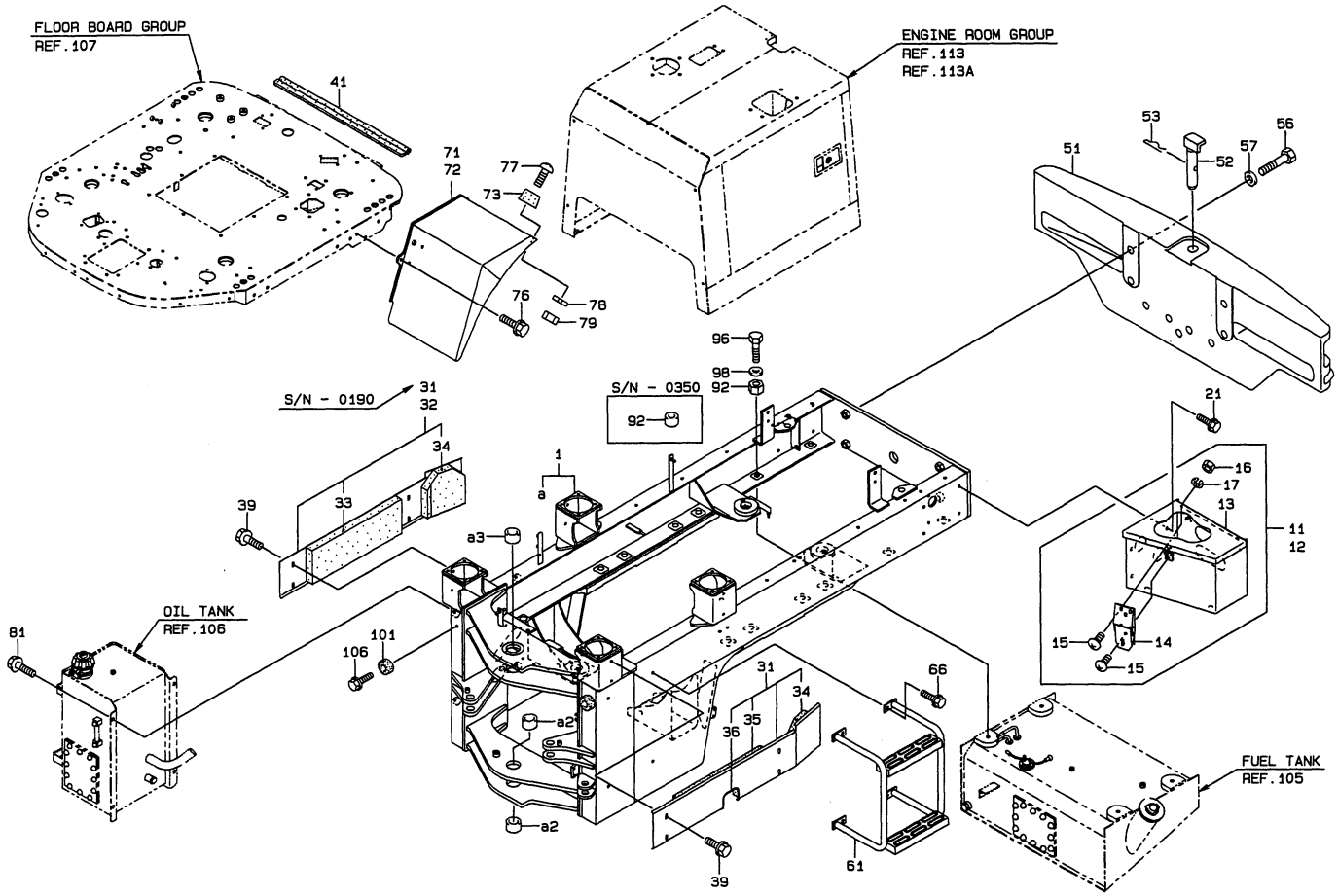
PROBLEM	POSSIBLE CAUSES	SOLUTIONS
Hard steering	Tires are underinflated Severe conditions (overloaded, deep mud, etc.) Oil pressure too low Steering valve failure Steering cylinder failure	Check and adjust tire pressure Change operation 
Will not steer	Articulation stopper in locked position Excessive load on steering Steering valve failure Pump failure Steering cylinder failure	Move articulation stopper to STORED position Reduce load 

HYDRAULIC

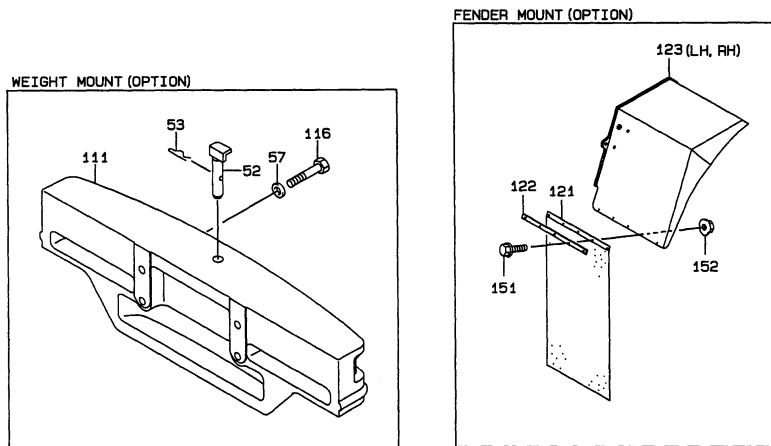
PROBLEM	POSSIBLE CAUSES	SOLUTIONS
Boom raises too slowly	Excessively cold oil Wrong type oil Oil pressure too low Damaged cylinder piston packing or piston Pump flow too low Engine RPM too low	Warm oil Replace with proper type oil 
Boom natural drift excessive	Leakage from control valve plunger Damage cylinder piston packing or piston	
Bucket/Attachment floating or drifting	Over load relief pressure too low Control valve failure Internal cylinder / packing leaking Excessively worn linkages	

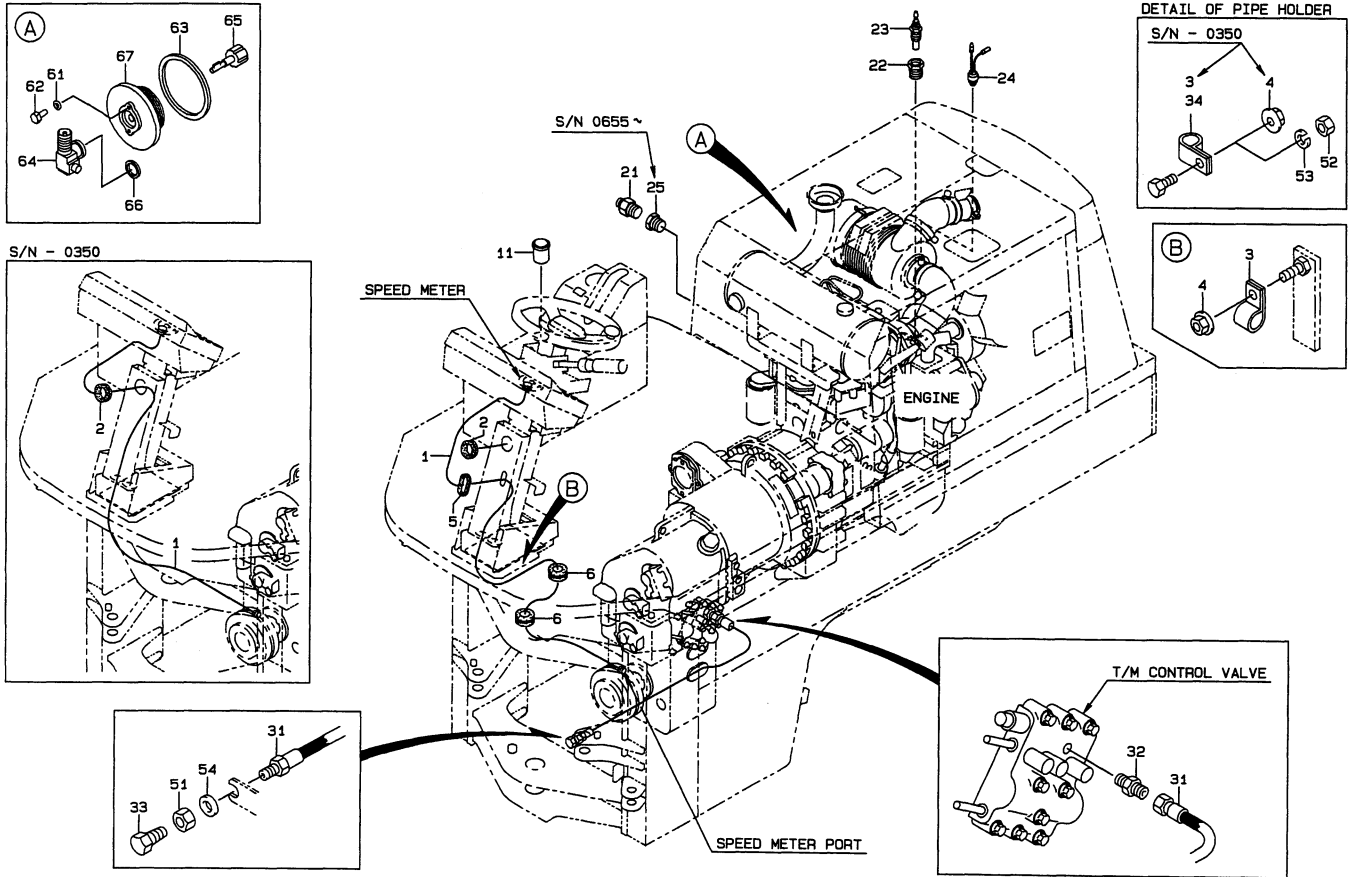
BRAKE

PROBLEM	POSSIBLE CAUSES	SOLUTIONS
Parking brake does not work properly	Worn brake shoe Defective linkage	Adjust 
Brake dragging	Dirt, debris under base of brake pedal Master cylinder failure Warped discs	Remove or clean 
Braking power too low	Brake oil level too low Air in brake system Master cylinder failure Brake piston seal leakage	Add oil and check for leaks Bleed air or 



1-C





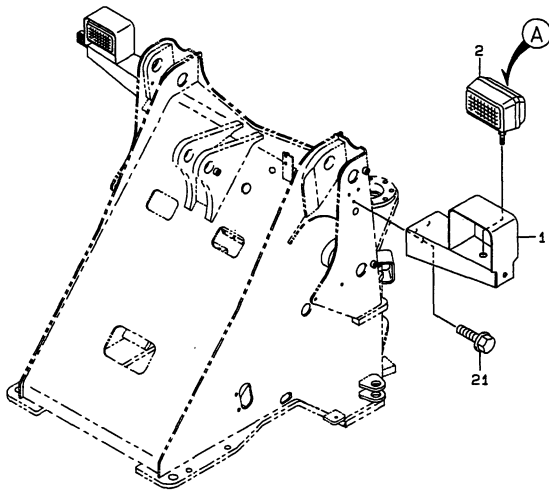
1-B

LA8-120

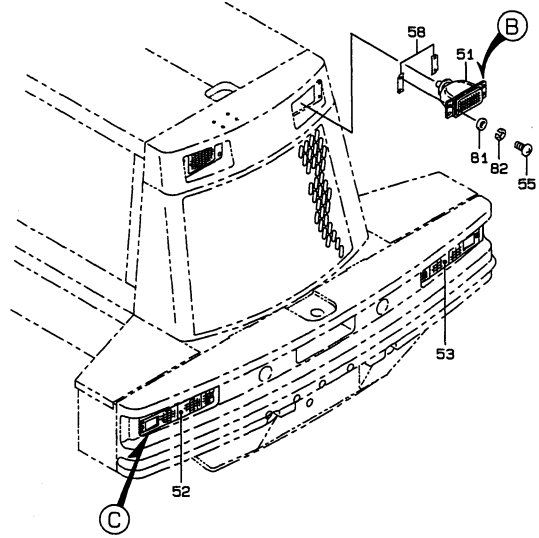
120-2

SYM BOL	PART NUMBER	PART NAME	UNIT Q, TY	SERIAL		***** R E M A R K S ***** N P D (A) (B) (C) (D) (E) R E M A R K
				(A)	(B)	
001A	73012-12300	SHAFT, FLEXIBLE	1	101-	350	
001B	34534-20100	SHAFT, FLEXIBLE	1	351-		C
002A	65801-40060	BUSHING, ELASTIC	1	101-		
003A	72001-11000	HOLDER, PIPE	A/R	101-		(D=10)
004A	62480-21081	NUT, FLANGED	A/R	101-		
005A	65801-31060	BUSHING, ELASTIC	1	351-		
006A	65801-25032	BUSHING, ELASTIC	2	351-		
011A	44361-60030	METER, HOUR	1	101-		
021A	50401-00710	SWITCH, PRESSURE	1	101-		(E/G OIL/LIGHTS)
022A	50401-00350-7	ADAPTER	1	101-		
023A	35829-60010	SENSOR, TEMPERATURE	1	101-		(WATER TEMP. GAUGE)
024A	35830-70010	SENSOR, PRESSURE	1	101-		(AIR CLEANER/LIGHT)
025A	50401-04090	ADAPTER	1	655-		
031A	43123-20040	HOSE, GAUGE	1	101-		
032A	30230-20720	ADAPTER	1	101-		
033A	88390-14204	PLUG	1	101-		
034A	72001-11500	HOLDER, PIPE	A/R	101-		(D=15)
051A	62401-81222	NUT	1	101-		
052A	62401-81081	NUT	A/R	101-		
053A	62721-08100	WASHER, SPRING	A/R	101-		
054A	62701-40221	WASHER, PLANE	1	101-		
061A	50401-02660	WASHER, PLANE	2	101-		
062A	50401-02670	BOLT	2	101-		
063A	50401-02680	SEAL ASSY	1	101-		
064A	50401-02650	DRIVE ASSY, METER	1	101-		
065A	50401-02690	HUB	1	101-		

FRONT LAMP MOUNT

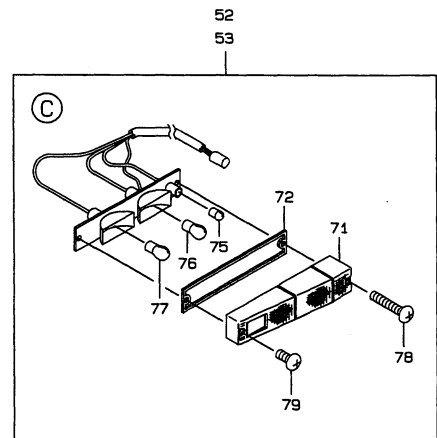
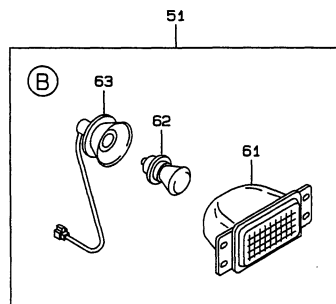
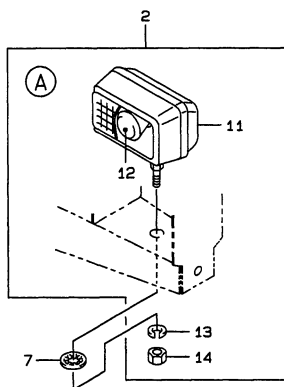


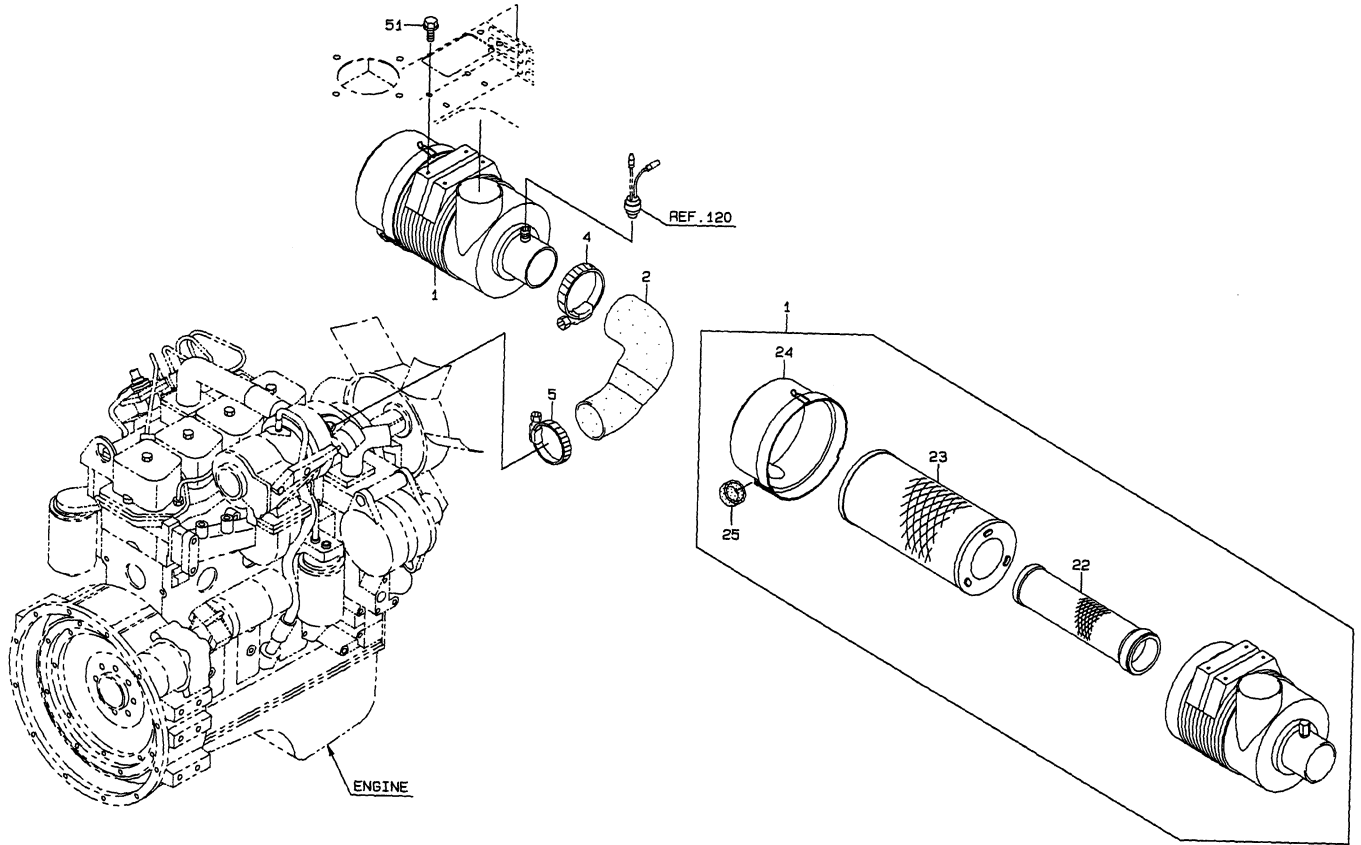
REAR LAMP MOUNT



1-A

125-2

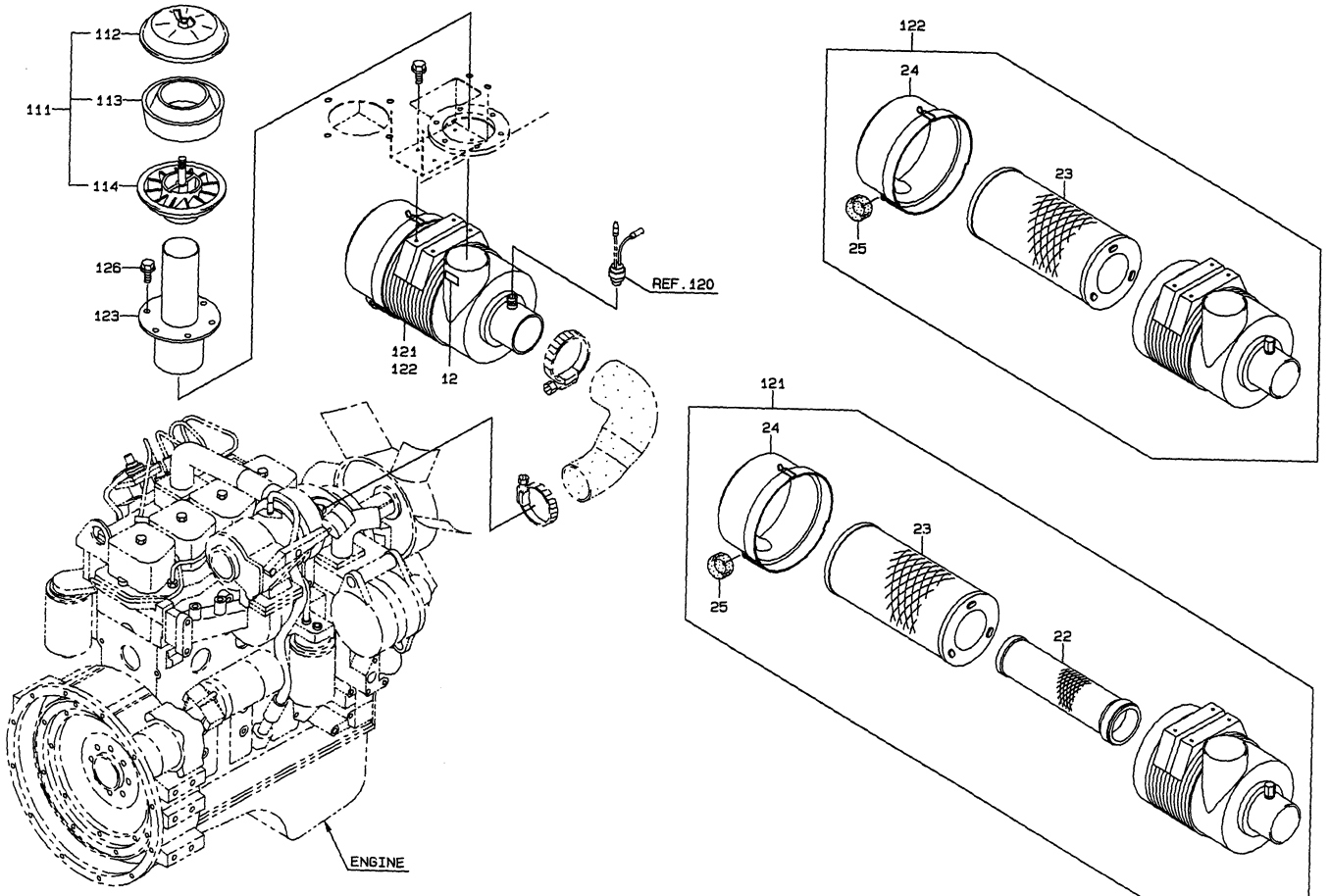




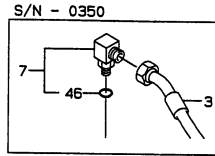
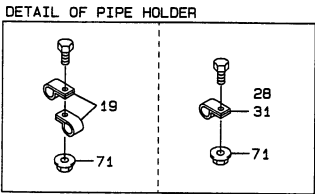
1-A

LAB-214 AIR CLEANER GROUP - PRECLEANER (OPTION)

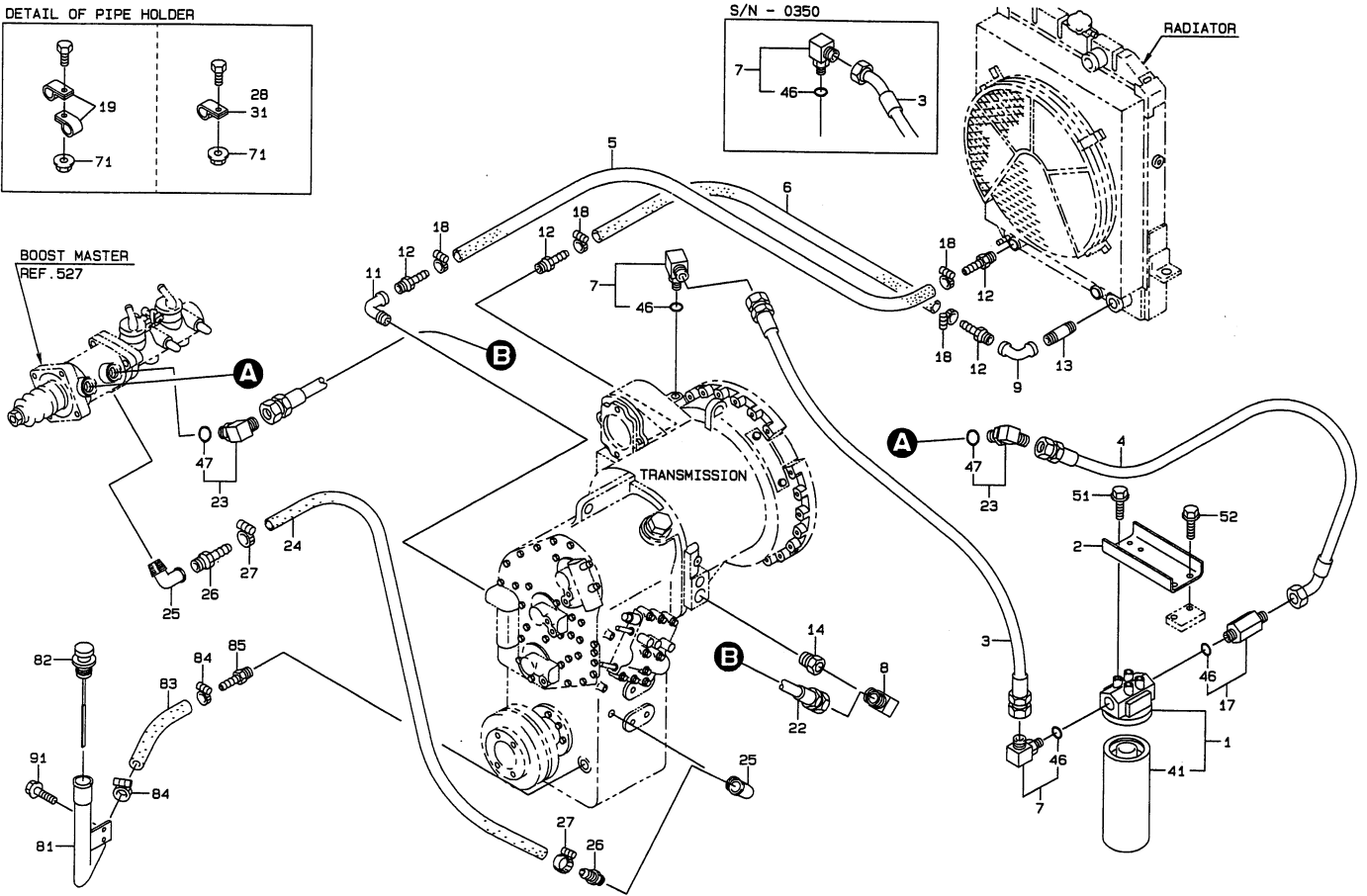
214-2



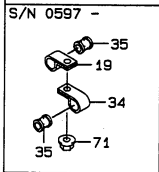
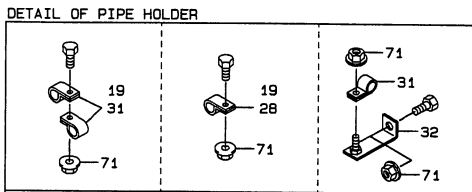
2-A



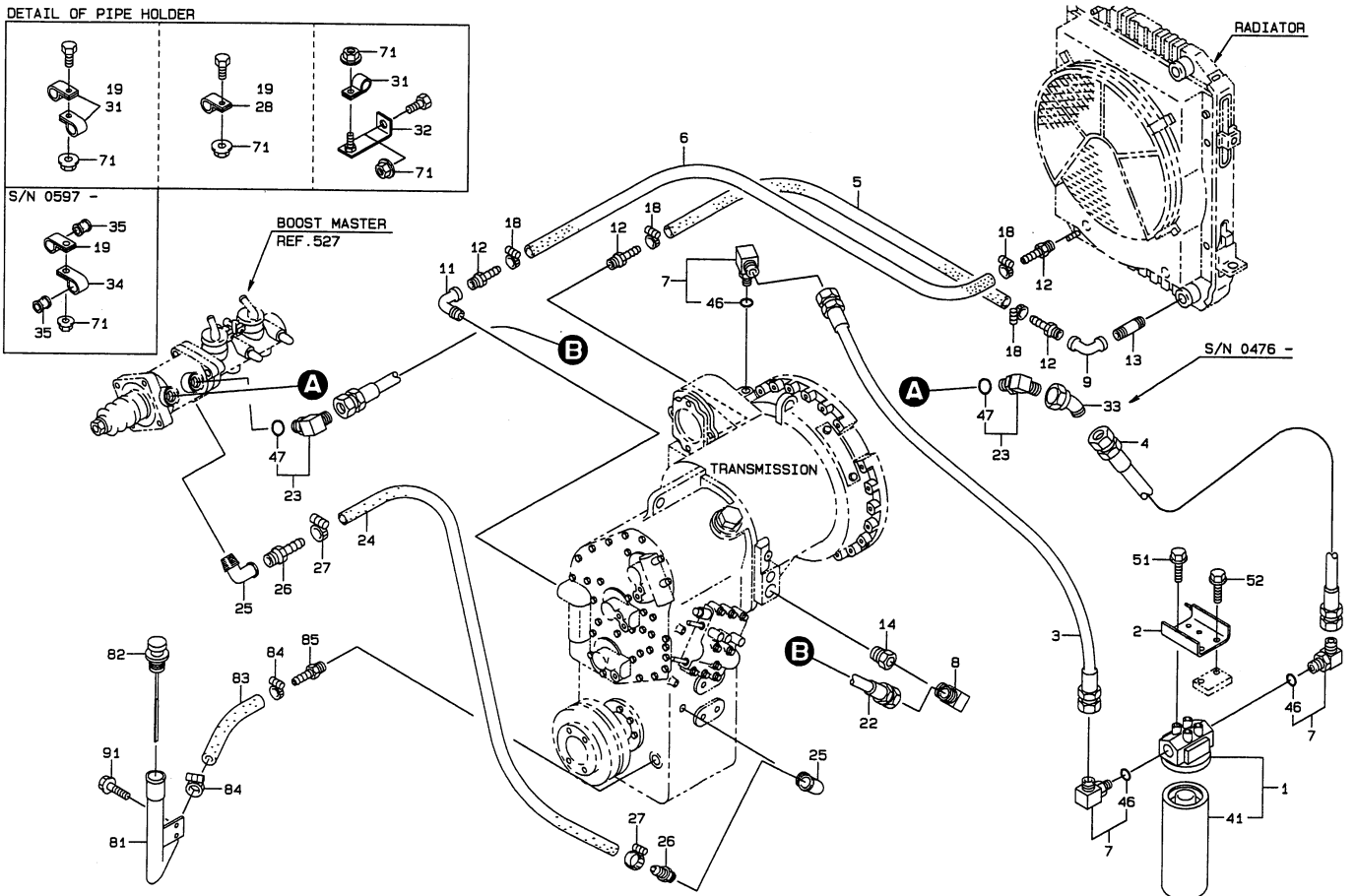
BOOST MASTER
REF. 527



1-B

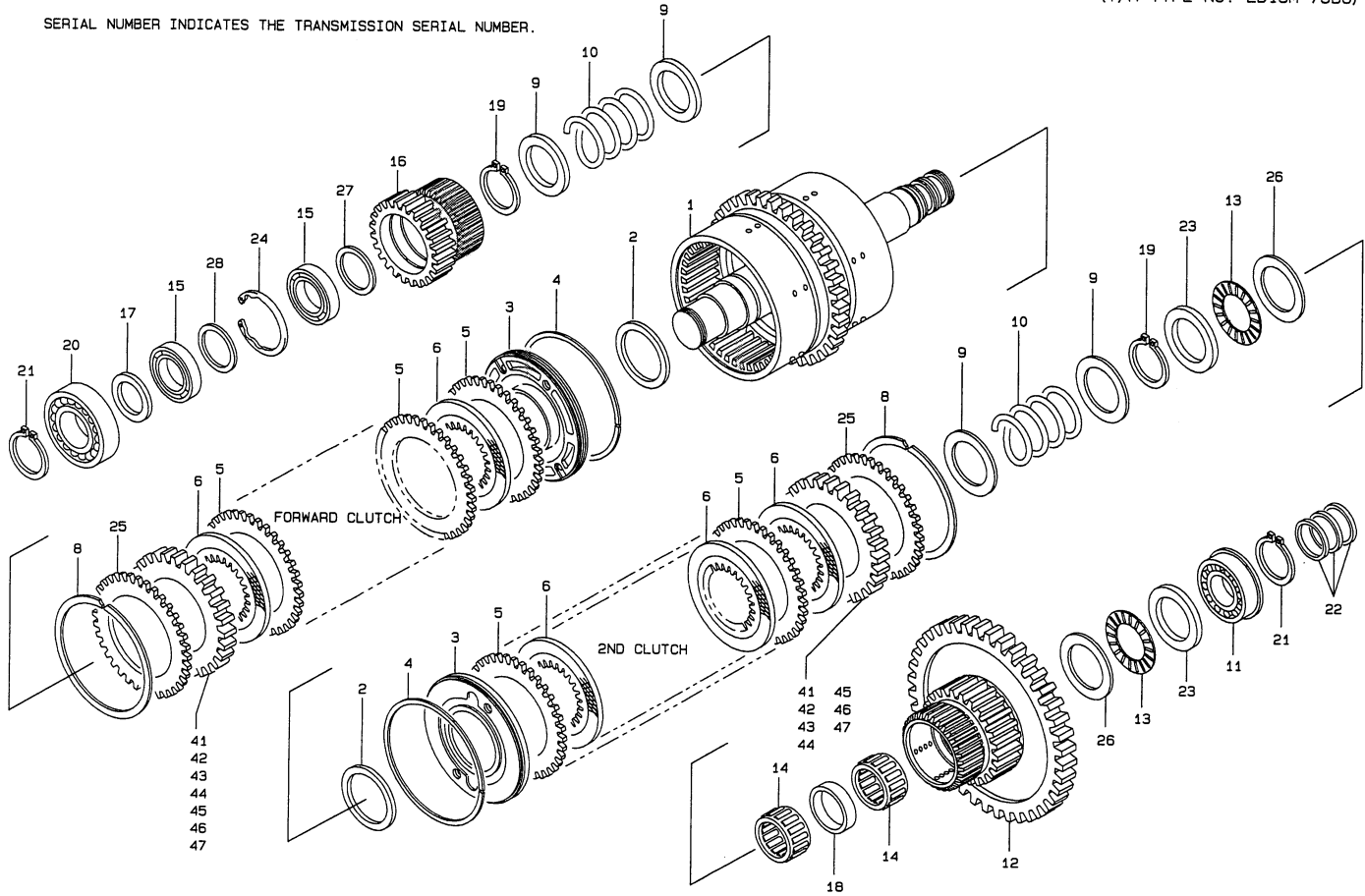


BOOST MASTER
REF. 527



2-A

SERIAL NUMBER INDICATES THE TRANSMISSION SERIAL NUMBER.



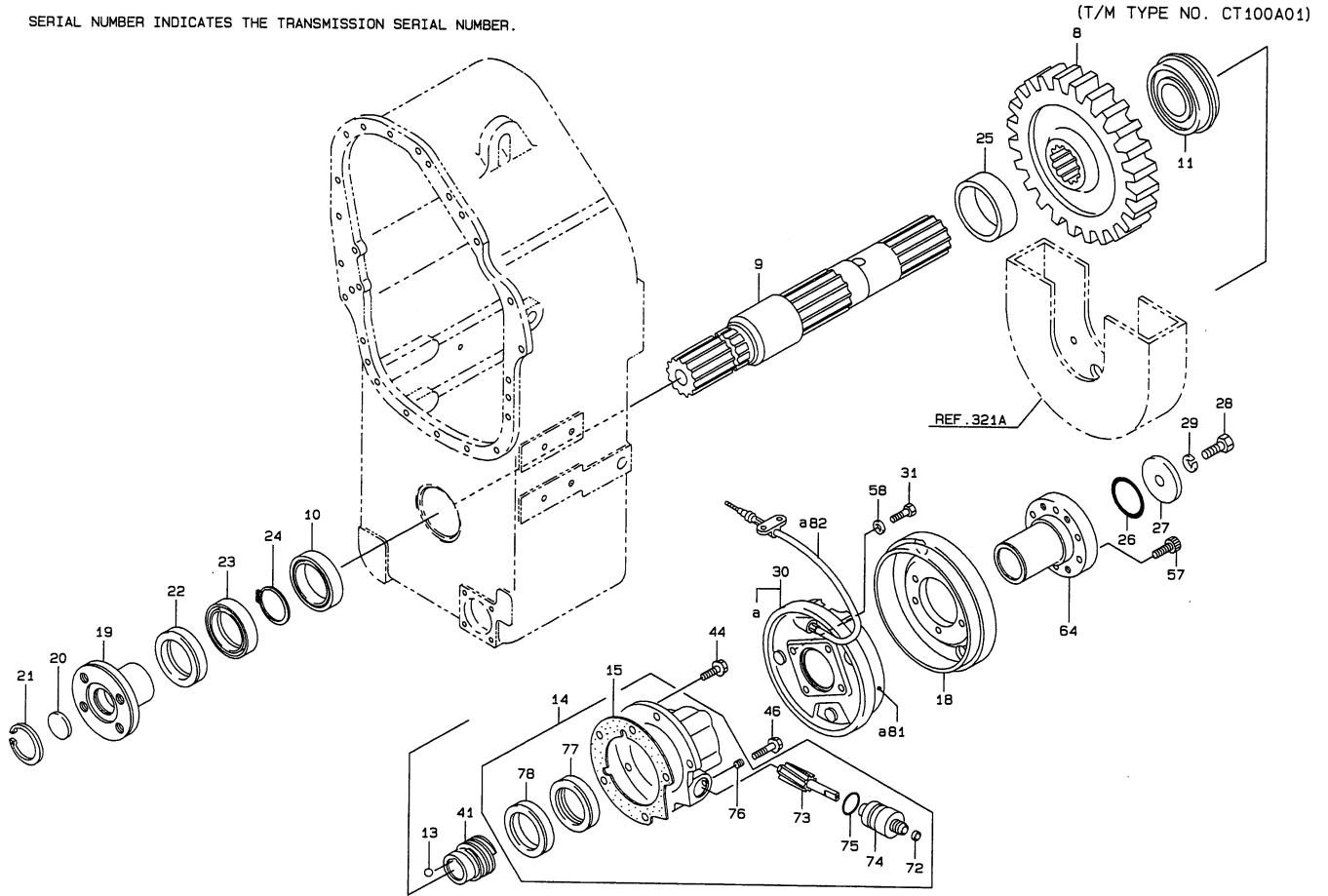
1-A

LA8-324

324-2

SYM BOL	PART NUMBER	PART NAME	UNIT Q.TY	SERIAL		***** R E M A R K S ***** N P D (A) (B) (C) (D) (E) R E M A R K
				(A)	(B)	
000A	52301-00470	CLUTCH ASSY	1	1-		FR FORWARD & 2ND
001A	52301-05100	SHAFT ASSY	1	1-		
002A	52301-00280	RING, PISTON	2	1-		(K)
003A	52301-00310	PISTON ASSY	2	1-		
004A	52301-00290	RING, PISTON	2	1-		(K)
005A	52301-00550	PLATE, CLUTCH(B)	12	1-		
006A	52301-00540	PLATE, CLUTCH(A)	12	1-		
008A	52301-01300	RING, SNAP	2	1-		
009A	52301-00240	WASHER	4	1-		
010A	52301-00060	SPRING	2	1-		
011A	52301-01270	BEARING, ROLLER	1	1-		
012A	52301-00450	GEAR ASSY	1	1-		
013A	42006-70010	BEARING, NEEDLE	2	1-		
014A	52301-01260	BEARING, NEEDLE	2	1-		
015A	52301-01230	BEARING, BALL	2	1-		
016A	52301-00410	GEAR	1	1-		
017A	52301-01040	WASHER	1	1-		
018A	52301-00460	COLLAR	1	1-		
019A	63811-00055	RING, SNAP	2	1-		
020A	52301-01210	BEARING, BALL	1	1-		
021A	63811-00045	RING, SNAP	2	1-		
022A	47191-70020	RING, SEAL	3	1-		
023A	52301-00530	WASHER, THRUST	2	1-		(K)
024A	52301-01290	RING, SNAP	1	1-		
025A	52301-00520	PLATE	2	1-		
026A	46033-70070	WASHER, THRUST	2	1-		

SERIAL NUMBER INDICATES THE TRANSMISSION SERIAL NUMBER.

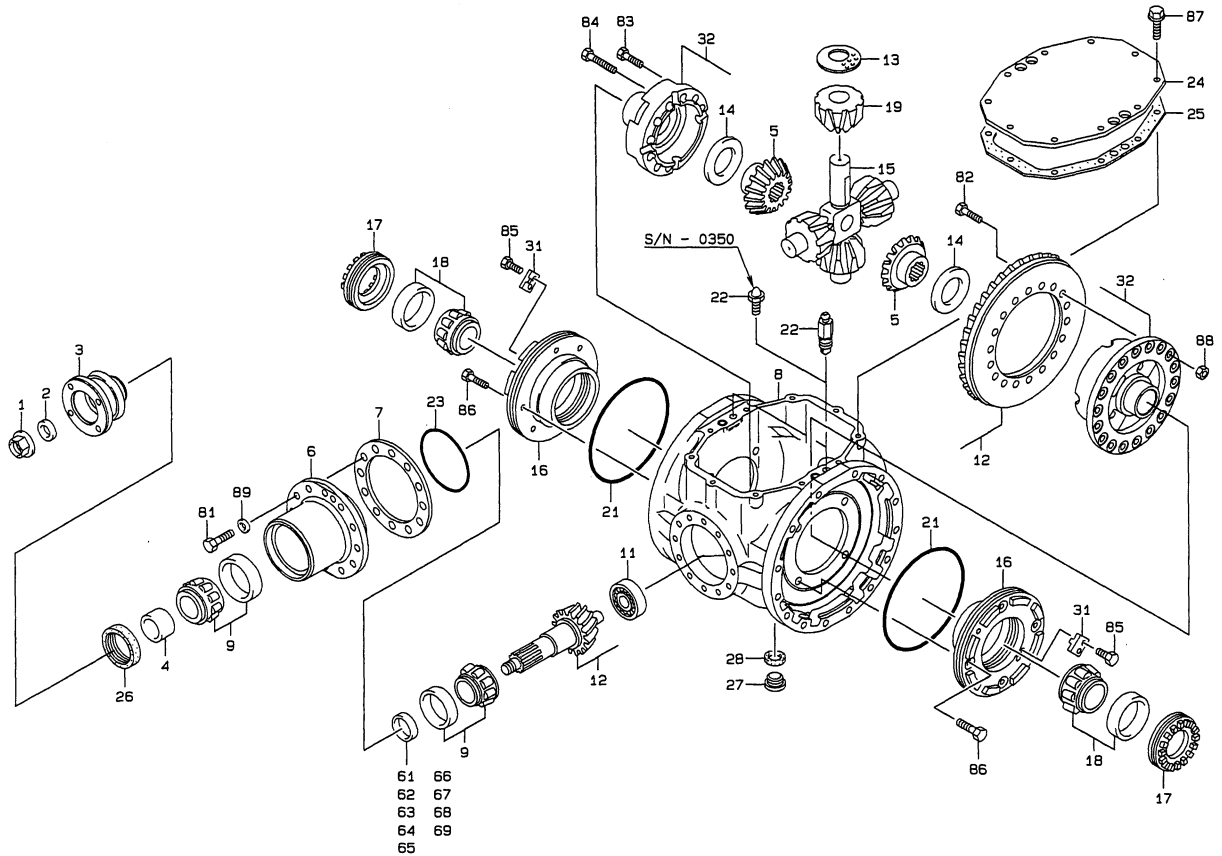


1-B

LA8-327A

327A-2

SYM BOL	PART NUMBER	PART NAME	UNIT Q, TY	SERIAL		***** R E M A R K S *****								
				(A)	(B)	N	P	D	(A)	(B)	(C)	(D)	(E)	REMARK
O08A	32400-23040	GEAR	1	101-										
O09A	34500-26130	SHAFT	1	101-										
O10A	42001-60430	BEARING, BALL	1	101-										
O11A	42001-60450	BEARING, BALL	1	101-	226									
O11B	42001-60670	BEARING, BALL	1	227-				C						
O13A	43751-20150	BALL	1	101-										
O14A	37573-20070	DRIVE ASSY, METER	1	101-					Y01					
O15A	31990-24210	GASKET	1	101-	327									(K)
O15B	31990-25470	GASKET	1	328-				C						(K)
O18A	37585-20160	DRUM, BRAKE	1	101-										
O19A	40510-24060	FLANGE	1	101-										
O20A	32210-60150	CAP	1	101-										
O21A	63812-00052	RING, SNAP	1	101-										
O22A	65084-05212	SEAL, OIL	1	101-										(K)
O23A	65054-05212	SEAL, OIL	1	101-										(K)
O24A	63811-00045	RING, SNAP	1	101-										
O25A	45200-26680	RING	1	101-										
O26A	47131-21770	RING, O	1	101-										(K)
O27A	46000-22940	WASHER	1	101-										
O28A	61034-16040	BOLT	1	101-										
O29A	62721-16100	WASHER, SPRING	1	101-										
O30A	41200-60190	BRAKE ASSY	1	101-					Y02					
O31A	61058-10025	BOLT	4	101-										
O41A	32400-23050	GEAR	1	101-										
O44A	61802-10030	BOLT, FLANGED	4	101-	226									
O44B	43963-20150	BOLT, FLANGED	4	227-				C						

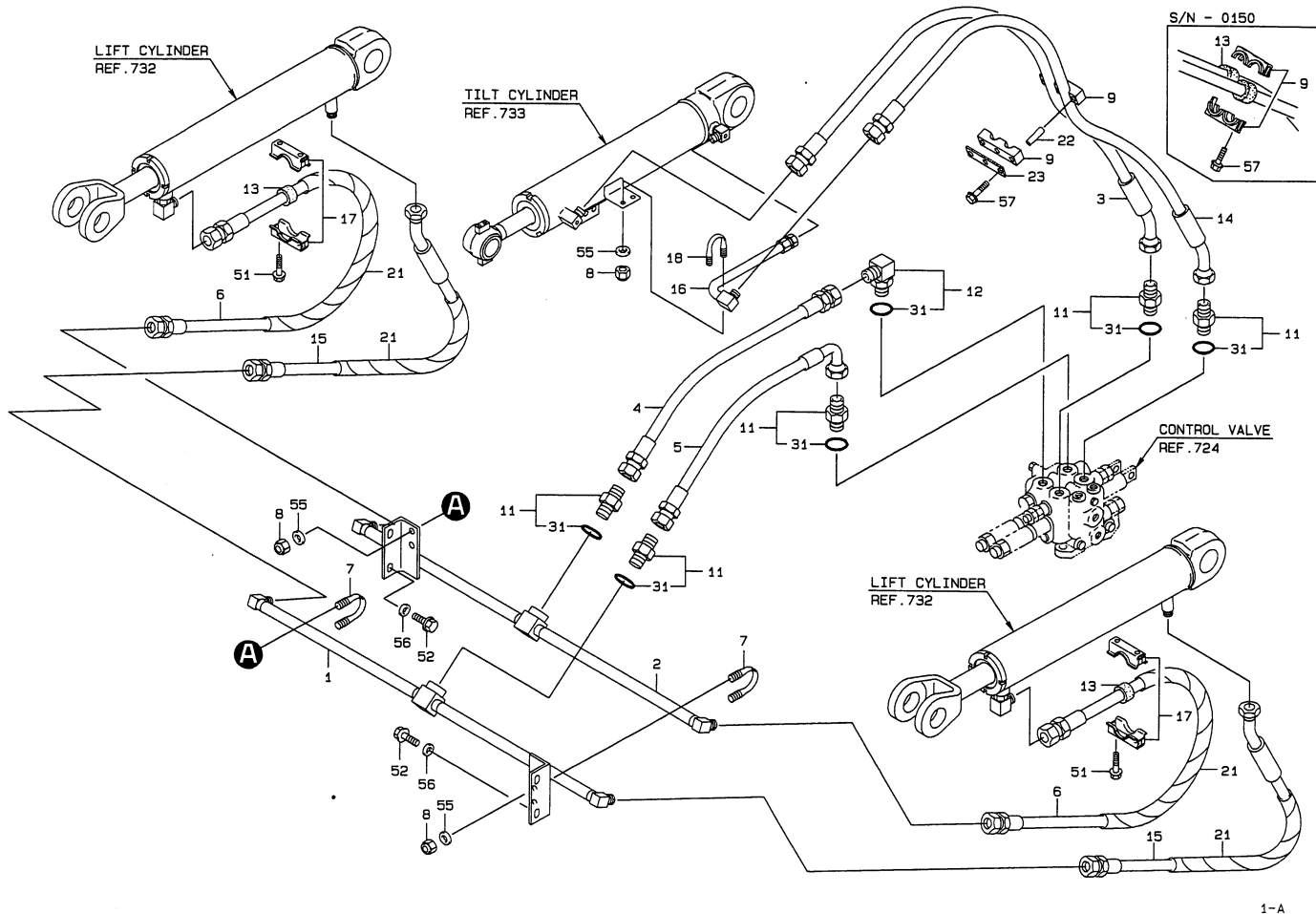


1-B

LA8-415

415-2

SYM BOL	PART NUMBER	PART NAME	UNIT Q,TY	SERIAL		***** R E M A R K S *****										
				(A)	(B)	N	P	D	(A)	(B)	(C)	(D)	(E)	REMARK
O00A	37301-21380	DIFFERENTIAL ASSY	1	101-												
O01A	37600-20010	NUT	1	101-												
O02A	47119-20010	RING,SQUARE	1	101-	619											
O02B	47131-21840	RING,O	1	620-						B						
O03A	44621-20700	YOKE,FLANGE	1	101-	619											
O03B	44621-21480	YOKE,FLANGE	1	620-						B						
O04A	45200-22770	RING	1	101-												
O05A	32433-20240	GEAR,BEVEL	2	101-												
O06A	37900-21750	HOUSING	1	101-												
O07A	34200-22930	SHIM	A/R	101-												T=0.05 - 0.80
O08A	37900-21760	HOUSING	1	101-												
O09A	78246-30308	BEARING,TAPER ROLLER	2	101-												
O11A	42003-60010	BEARING,ROLLER	1	101-												
O12A	32420-20160	GEAR SET, SPIRAL BEVEL	1	101-	619											
O12B	32420-20360	GEAR SET, SPIRAL BEVEL	1	620-						B						
O13A	47171-20020	RING,WEAR	4	101-												
O14A	47171-21250	RING,WEAR	2	101-												
O15A	35510-20670	SPIDER	1	101-												
O16A	40510-20060	FLANGE	2	101-												
O17A	37600-20140	NUT	2	101-												
O18A	42004-20010	BEARING,TAPER ROLLER	2	101-												
O19A	32433-20230	GEAR,BEVEL	4	101-												
O21A	47131-20080	RING,O	2	101-	373											
O21B	47131-21800	RING,O	2	374-						C						
O22A	35107-70110	SCREW,BLEED	2	101-	350											
O22B	35107-20050	SCREW,BLEED	2	351-						A						



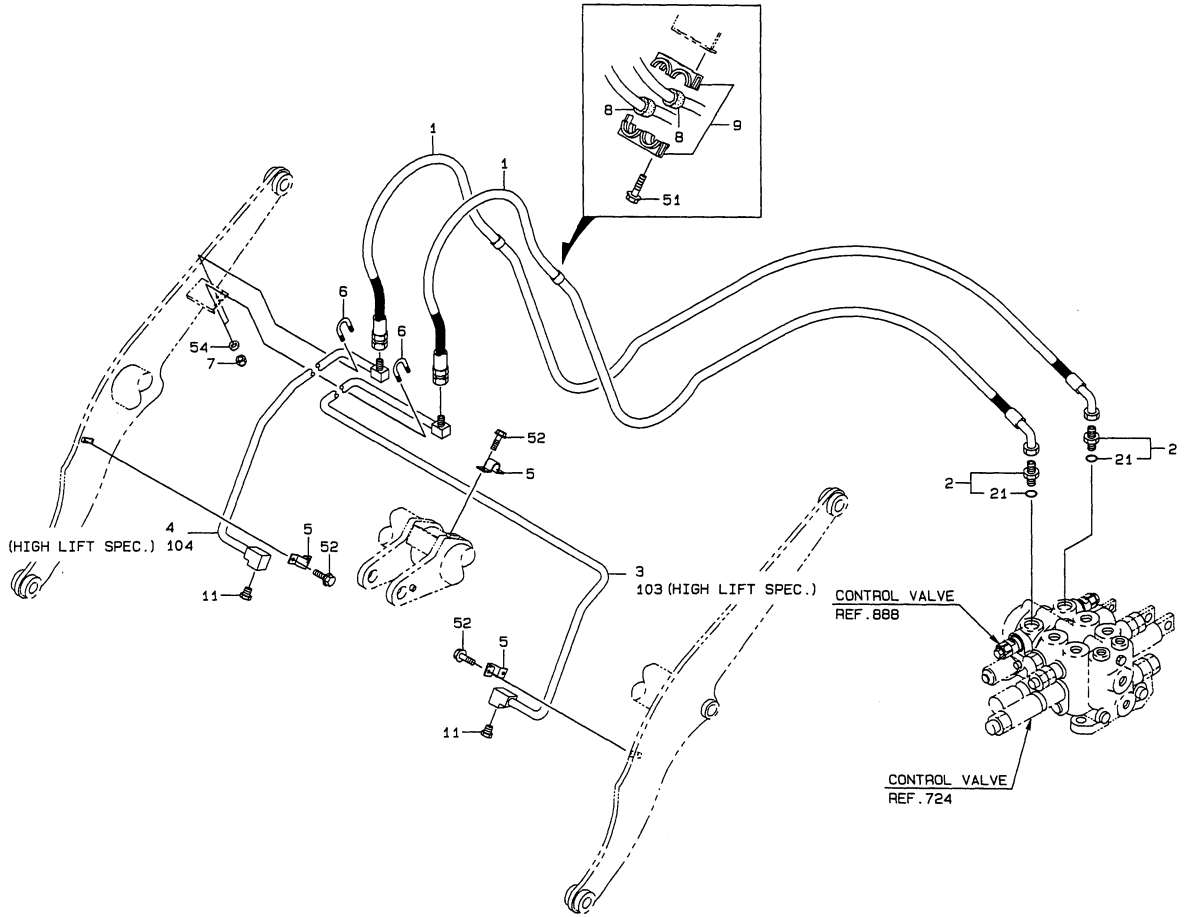
1-A

LAB-701

701-2

SYM BDL	PART NUMBER	PART NAME	UNIT Q, TY	SERIAL		***** R E M A R K S ***** N P D (A) (B) (C) (D) (E) REMARK
				(A)	(B)	
001A	38755-40300	PIPE, OIL	1	101-		
002A	38755-40310	PIPE, OIL	1	101-		
003A	68645-40150	HOSE, HIGH PRESSURE	1	101-		
004A	68655-40047	HOSE, HIGH PRESSURE	1	101-		
005A	68635-40058	HOSE, HIGH PRESSURE	1	101-		
006A	43113-21960	HOSE, HIGH PRESSURE	2	101-		
007A	43962-20010	BOLT, U	2	101-		
008A	88031-06101	NUT, SELF-LOCKING	6	101-		
009A	32924-20010	CLAMP, MULTIPLE	1	101-	150	
009B	32923-20720	CLAMP, HOSE	2	151-		B
011A	88201-06712	ADAPTER	5	101-		YO1
012A	88241-07112	ADAPTER, ELBOW	1	101-		YO1
013A	40850-70050	BUSHING, ELASTIC	4	101-	150	
013B	40850-70050	BUSHING, ELASTIC	2	151-		
014A	68645-40140	HOSE, HIGH PRESSURE	1	101-		
015A	43113-21970	HOSE, HIGH PRESSURE	2	101-		
016A	38755-32280	PIPE, OIL	1	101-		
017A	32924-20330	CLAMP, MULTIPLE	2	101-	236	
017B	32924-20350	CLAMP, MULTIPLE	2	237-		C
018A	43962-20020	BOLT, U	1	101-		
021A	36729-20030	TUBE, SPIRAL	4	101-	350	
021B	69081-23100	TUBE, SPIRAL	4	351-		A
022A	38720-43560	PIPE	2	151-		
023A	41605-44140	PLATE	1	151-		
031A	65210-12024	RING, O	1	101-		O1
051A	61802-08060	BOLT, FLANGED	4	101-		

MEMO



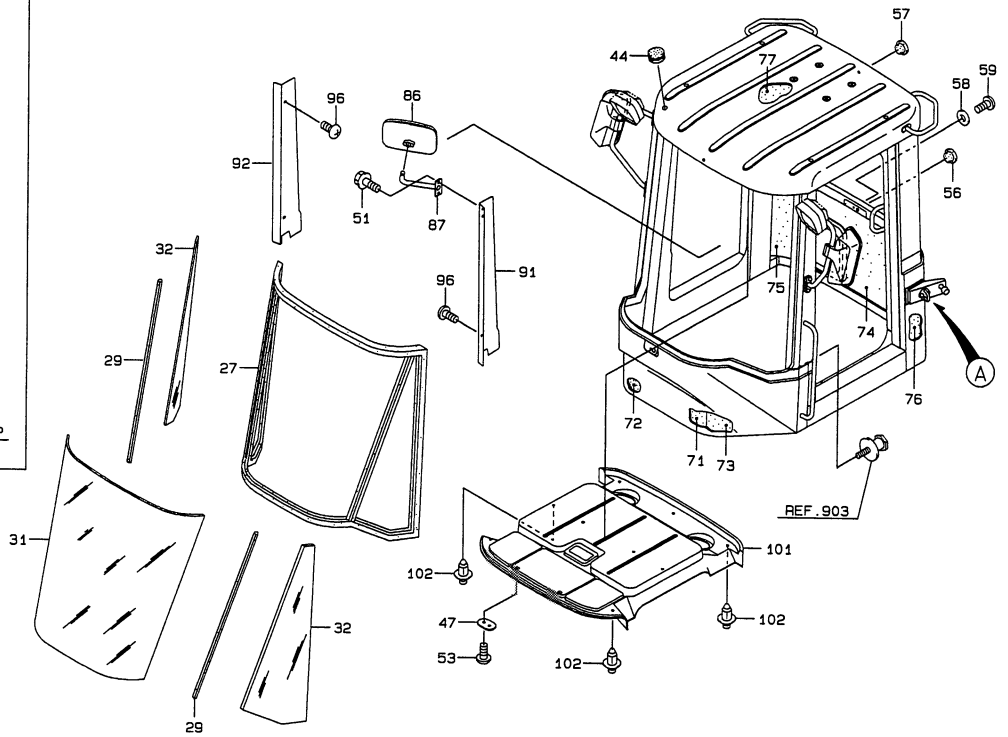
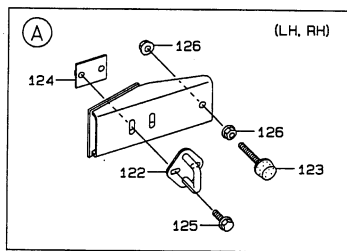
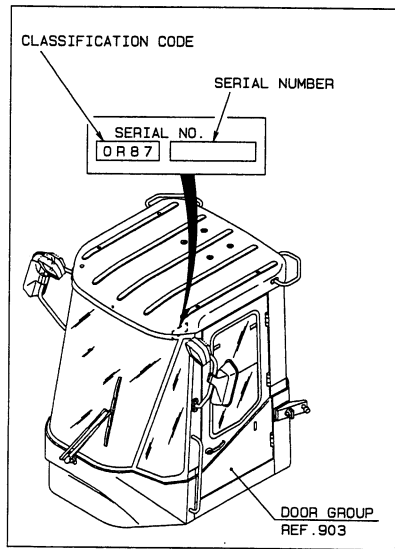
1-A

LAB-880

880-2

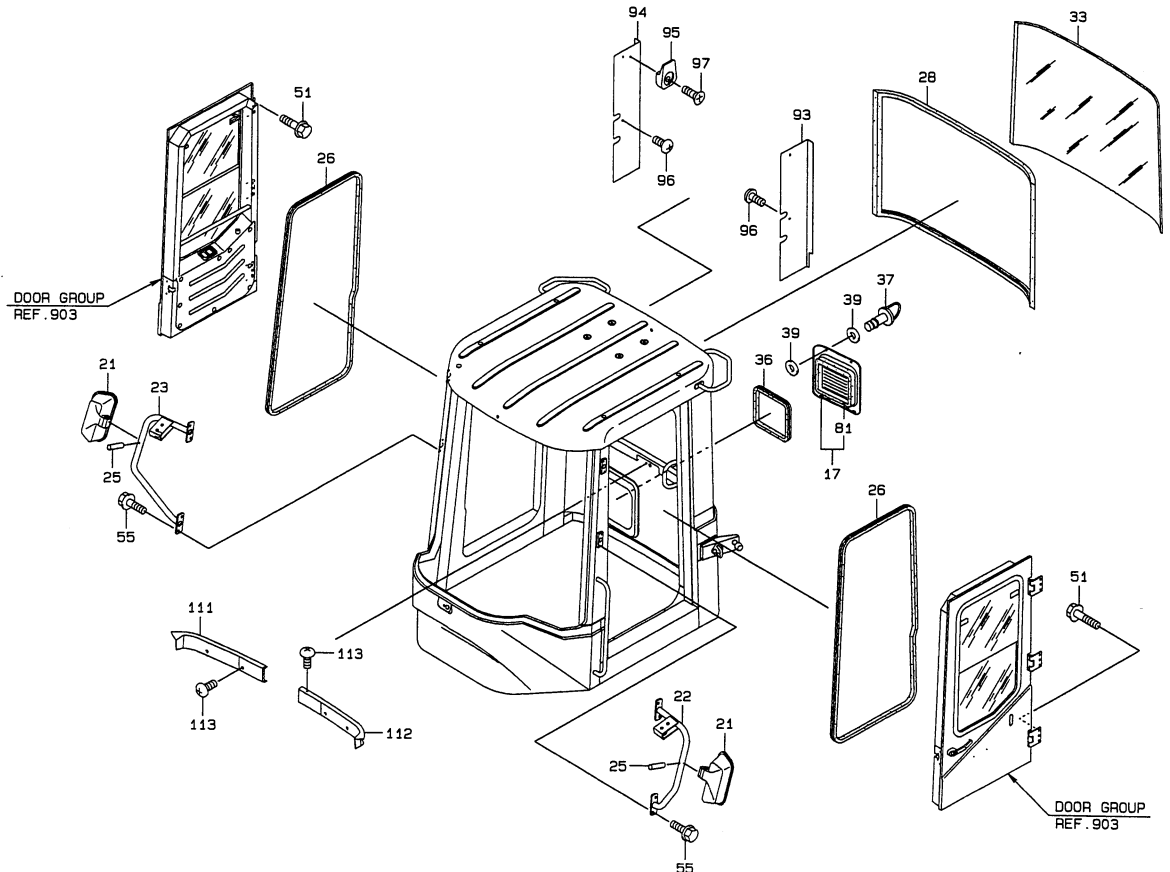
SYM BOL	PART NUMBER	PART NAME	UNIT Q, TY	SERIAL		***** R E M A R K S *****											
				(A)	(B)	N	P	D	(A)	(B)	(C)	(D)	(E)	REMARK	
001A	68645-30175	HOSE, HIGH PRESSURE	2	101-													
002A	30230-20360	ADAPTER	2	101-							Y01						
003A	38755-54730	PIPE, OIL	1	101-													FR (LH)
004A	38755-54740	PIPE, OIL	1	101-													FR (RH)
005A	43573-20010	HOLDER, PIPE	3	101-													
006A	43962-20010	BOLT, U	2	101-													
007A	88031-06101	NUT, SELF-LOCKING	4	101-													
008A	40850-70250	BUSHING, ELASTIC	2	101-													
009A	32924-20010	CLAMP, MULTIPLE	1	101-													
011A	88390-14208	PLUG	2	101-													
021A	65210-12024	RING, O	1	101-							O1						
051A	61802-08075	BOLT, FLANGED	3	101-													
052A	61802-08016	BOLT, FLANGED	6	101-													
054A	62701-40101	WASHER, PLANE	4	101-													
103A	38755-39090	PIPE, OIL	1	101-													HIGH LIFT SPEC.
104A	38755-39100	PIPE, OIL	1	101-													HIGH LIFT SPEC.

(NOTE): SERIAL NUMBER INDICATES THE CAB SERIAL NUMBER.



1-A

(CAB CLASSIFICATION CODE ... OR87)



2-A

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