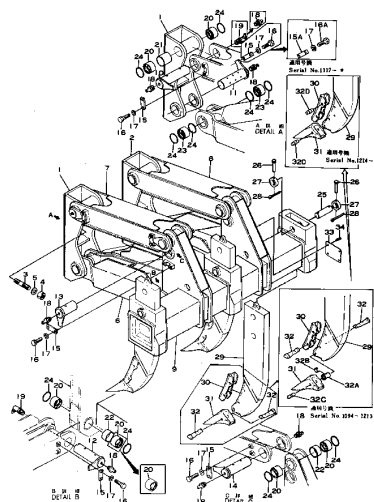


Fig.101 リッパ シェンク、ビームおよびリンク  
RIPPER SHANK, BEAM AND LINK  
(適用機種  
Serial No. 1010~1631)



Reference: 101

## 030010 RIPPER SHANK, BEAM AND LINK (#(1010)-(1631))

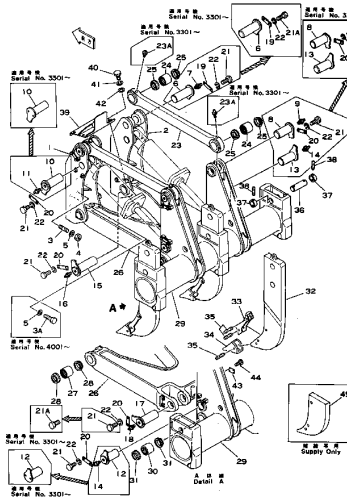
| Item | Part No.     | Part Name      | Qty | Options           |
|------|--------------|----------------|-----|-------------------|
| 1    | 195-78-11114 | BRACKET, LEFT  | 1   | SN: (1388)-(1631) |
| 1    | 195-78-11113 | BRACKET, LEFT  | 1   | SN: (1117)-(1387) |
| 1    | 195-78-11112 | BRACKET, LEFT  | 1   | SN: (1010)-(1116) |
| 2    | 195-78-11124 | BRACKET, RIGHT | 1   | SN: (1388)-(1631) |
| 2    | 195-78-11123 | BRACKET, RIGHT | 1   | SN: (1117)-(1387) |
| 2    | 195-78-11122 | BRACKET, RIGHT | 1   | SN: (1010)-(1116) |
| 3    | 195-78-11270 | STUD           | 18  | SN: (1010)-(@)    |
| 4    | 195-69-11131 | NAT            | 18  | SN: (1067)-(@)    |
| 4    | 195-69-11130 | NAT            | 18  | SN: (1010)-(1066) |
| 5    | 195-69-11140 | WASHER         | 18  | SN: (1010)-(@)    |
| 6    | 195-78-11133 | ARM            | 1   | SN: (1117)-(1631) |
| 6    | 195-78-11132 | ARM            | 1   | SN: (1010)-(1116) |
| 7    | 195-78-11144 | BEAM           | 1   | SN: (1388)-(1631) |
| 7    | 195-78-11143 | BEAM           | 1   | SN: (1117)-(1387) |
| 7    | 195-78-11142 | BEAM           | 1   | SN: (1010)-(1116) |
| 8    | 195-78-11154 | BEAM           | 1   | SN: (1388)-(1631) |
| 8    | 195-78-11153 | BEAM           | 1   | SN: (1117)-(1387) |
| 8    | 195-78-11152 | BEAM           | 1   | SN: (1010)-(1116) |
| 9    | 195-78-11163 | BEAM           | 1   | SN: (1117)-(1631) |
| 9    | 195-78-11162 | BEAM           | 1   | SN: (1010)-(1116) |
| 10   | 195-78-11181 | PIN            | 2   | SN: (1010)-(1631) |
| 11   | 195-78-11194 | PIN, LEFT      | 1   | SN: (1388)-(1631) |
| 11   | 195-78-11421 | PIN, RIGHT     | 1   | SN: (1388)-(1631) |
| 11   | 195-78-11193 | PIN, LEFT      | 1   | SN: (1117)-(1387) |
| 11   | 195-78-11420 | PIN, RIGHT     | 1   | SN: (1117)-(1387) |
| 11   | 195-78-11192 | PIN            | 2   | SN: (1010)-(1116) |
| 12   | 195-78-11211 | PIN            | 2   | SN: (1010)-(1631) |
| 13   | 195-78-11221 | PIN            | 2   | SN: (1010)-(1631) |
| 14   | 195-78-11291 | PIN            | 2   | SN: (1010)-(1631) |
| 15   | 195-78-11341 | PLATE          | 10  | SN: (1388)-(1631) |
| 15   | 195-78-11340 | PLATE          | 8   | SN: (1117)-(1387) |
| 15   | 195-78-11340 | PLATE          | 10  | SN: (1010)-(1116) |
| 15A  | 195-79-11250 | PLATE          | 2   | SN: (1117)-(1387) |
| 16   | 01010-32045  | BOLT           | 20  | SN: (1388)-(1631) |
| 16   | 01010-32045  | BOLT           | 16  | SN: (1117)-(1387) |
| 16   | 01010-32045  | BOLT           | 20  | SN: (1010)-(1116) |
| 16A  | 01010-32060  | BOLT           | 4   | SN: (1117)-(1387) |
| 17   | 01602-02060  | WASHER         | 20  | SN: (1010)-(1631) |
| 18   | 07020-00000  | FITTING        | 18  | SN: (1388)-(1631) |
| 18   | 07020-00000  | FITTING        | 16  | SN: (1010)-(1387) |
| 19   | 07020-00675  | FITTING        | 2   | SN: (1388)-(1631) |
| 19   | 07020-00675  | FITTING        | 4   | SN: (1010)-(1387) |
| 20   | 195-78-11231 | BUSH           | 12  | SN: (1388)-(1631) |
| 20   | 195-78-11230 | BUSH           | 12  | SN: (1010)-(1387) |
| 21   | 195-78-11240 | COLLAR         | 2   | SN: (1010)-(1631) |
| 22   | 195-78-11250 | COLLAR         | 4   | SN: (1010)-(1631) |
| 23   | 195-78-11261 | BUSH           | 4   | SN: (1338)-(1631) |

| Item | Part No.     | Part Name                                                                                                                                        | Qty | Options            |
|------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------|
| 23   | 195-78-11260 | BUSH                                                                                                                                             | 4   | SN: (1010)-(1337)  |
| 24   | 175-78-21520 | O-RING                                                                                                                                           | 20  | SN: (1338)-(1631)  |
| 24   | 195-78-21550 | O-RING                                                                                                                                           | 20  | SN: (12011)-(1337) |
| 24   | 07000-05110  |  O-RING                                                         | 20  | SN: (1010)-(1210)  |
| 25   | 195-78-11331 |  PIN<br>(195-78-41370(1),195-78-41360(2),<br>195-78-21740(2)    | 3   | SN: (1010)-(1631)  |
| 26   | 175-907-2140 | PIN                                                                                                                                              | 6   | SN: (1010)-(1631)  |
| 27   | 175-907-2150 |  COLLAR<br>(195-78-41360(2),195-78-41370(1),<br>195-78-21740(2) | 6   | SN: (1010)-(1631)  |
| 28   | 04050-04025  | PIN                                                                                                                                              | 6   | SN: (1010)-(1631)  |
| 29   | 195-78-11315 | SHANK                                                                                                                                            | 3   | SN: (1214)-(1631)  |
| 29   | 195-78-11314 | SHANK                                                                                                                                            | 3   | SN: (1094)-(1213)  |
| 29   | 195-78-11313 | SHANK                                                                                                                                            | 3   | SN: (1093)-(1093)  |
| 29   | 195-78-11312 |  SHANK                                                          | 3   | SN: (1055)-(1092)  |
| 29   | 195-78-11311 |  SHANK<br>(195-78-11313,195-78-11322)                           | 3   | SN: (1010)-(1054)  |
| 29   | 195-78-14350 | ADAPTER, (CUP ONLY)                                                                                                                              | -2  | SN: (1093)-(@)     |
| 30   | 195-78-21320 | PROTECTOR                                                                                                                                        | 3   | SN: (1214)-(@)     |
| 30   | 195-79-11241 | PROTECTOR                                                                                                                                        | 3   | SN: (1010)-(1213)  |
| 30   | 195-48-21580 | PROTECTOR, LONG                                                                                                                                  | 3   | SN: (1214)-(@)     |
| 31   | 195-78-21331 | POINT                                                                                                                                            | 3   | SN: (1214)-(@)     |
| 31   | 195-78-11322 | POINT                                                                                                                                            | 3   | SN: (1093)-(1213)  |
| 31   | 175-79-31140 |  POINT                                                          | 3   | SN: (1055)-(1092)  |
| 31   | 195-78-11321 | POINT                                                                                                                                            | 3   | SN: (1010)-(1054)  |
| 31   | 195-78-21562 | POINT, LONG                                                                                                                                      | 3   | SN: (1214)-(@)     |
| 31   | 195-78-21333 | POINT, SHORT                                                                                                                                     | 3   | SN: (1214)-(@)     |
| 32   | 175-78-21740 | PIN ASSEMBLY                                                                                                                                     | 6   | SN: (1094)-(1213)  |
| 32   | 175-78-21740 | PIN ASSEMBLY                                                                                                                                     | 9   | SN: (1010)-(1093)  |
| 32   | 154-78-14370 |  PIN                                                            | 18  | SN: (1010)-(1093)  |
| 32A  | 195-78-11430 | BUSH                                                                                                                                             | 3   | SN: (1094)-(1213)  |
| 32B  | 195-78-11440 | LINK                                                                                                                                             | 3   | SN: (1094)-(1213)  |
| 32C  | 195-78-11450 | PIN                                                                                                                                              | 3   | SN: (1094)-(1213)  |
| 32D  | 175-78-21740 | PIN ASSEMBLY                                                                                                                                     | 9   | SN: (1214)-(@)     |
| 33   | 09601-00835  | PLATE, NAME                                                                                                                                      | 1   | SN: (1010)-(@)     |
| 34   | 04418-03060  | SCREW                                                                                                                                            | 4   | SN: (1010)-(@)     |

Catalog signs:  part above may be used instead  may be used instead of described part

Reference: 101

Fig.101A RIPPER SHANK, BEAM AND LINK (Serial No. 1632 ~)



Reference: 101A

## 030020 RIPPER SHANK, BEAM AND LINK (#(1632)-)

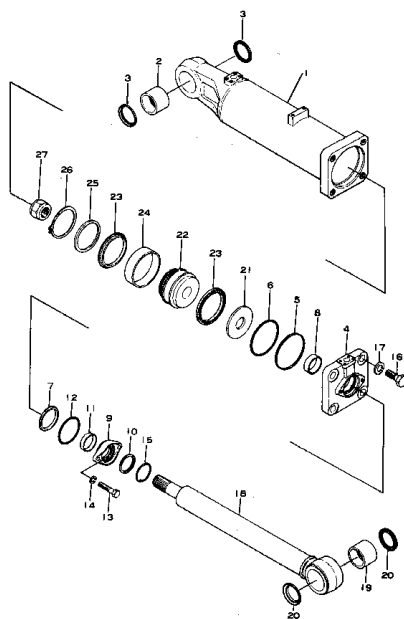
| Item | Part No.     | Part Name       | Qty | Options           |
|------|--------------|-----------------|-----|-------------------|
| 1    | 195-78-41111 | BRACKET, LEFT   | 1   | SN: (3301)-UP     |
| 1    | 195-78-41110 | BRACKET, LEFT   | 1   | SN: (1632)-(3299) |
| 2    | 195-78-41121 | BRACKET, RIGHT  | 1   | SN: (3301)-UP     |
| 2    | 195-78-41120 | BRACKET, RIGHT  | 1   | SN: (1632)-(3299) |
| 3    | 195-78-11270 | STUD            | 4   | SN: (4001)-UP     |
| 3    | 195-78-11270 | STUD            | 18  | SN: (1010)-(4000) |
| 3A   | 01018-33995  | BOLT            | 14  | SN: (4001)-UP     |
| 4    | 195-69-11131 | NAT             | 4   | SN: (4001)-UP     |
| 4    | 195-69-11131 | NAT             | 18  | SN: (1067)-(4000) |
| 5    | 195-69-11140 | WASHER          | 18  | SN: (1010)-UP     |
| 6    | 195-78-41251 | PIN             | 2   | SN: (3301)-UP     |
| 6    | 195-78-41250 | PIN             | 2   | SN: (1632)-(3299) |
| 7    | 07020-00000  | FITTING         | 2   | SN: (1010)-(3299) |
| 8    | 195-78-41221 | PIN             | 2   | SN: (3301)-UP     |
| 8    | 195-78-41261 | PIN             | 2   | SN: (1632)-(3299) |
| 9    | 07020-00000  | FITTING         | 2   | SN: (1010)-(3299) |
| 10   | 195-78-41251 | PIN             | 2   | SN: (3301)-UP     |
| 10   | 195-78-41270 | PIN             | 2   | SN: (1632)-(3299) |
| 11   | 07020-00000  | FITTING, GREASE | 2   | SN: (1010)-(3299) |
| 12   | 195-78-41221 | PIN             | 1   | SN: (3301)-UP     |
| 12   | 195-78-41220 | PIN             | 1   | SN: (1632)-(3299) |
| 13   | 195-78-41221 | PIN             | 1   | SN: (3301)-UP     |
| 13   | 195-78-41230 | PIN             | 1   | SN: (1632)-(3299) |
| 14   | 07020-00000  | FITTING         | 2   | SN: (1010)-(3299) |
| 15   | 195-78-41210 | PIN             | 2   | SN: (1632)-UP     |
| 16   | 07020-00000  | FITTING         | 2   | SN: (1010)-UP     |
| 17   | 195-78-41240 | PIN             | 2   | SN: (1632)-UP     |
| 18   | 07020-00000  | FITTING         | 2   | SN: (1010)-UP     |
| 19   | 195-78-41390 | PLATE           | 2   | SN: (1632)-UP     |
| 20   | 195-78-21171 | PLATE           | 10  | SN: (1632)-UP     |
| 21   | 01010-32045  | BOLT            | 16  | SN: (3301)-UP     |
| 21   | 01010-32045  | BOLT            | 24  | SN: (1632)-(3299) |
| 21A  | 01010-32040  | BOLT            | 8   | SN: (3301)-UP     |
| 22   | 01602-02060  | WASHER          | 24  | SN: (1632)-UP     |
| 23   | 195-78-41381 | LINK            | 2   | SN: (3301)-UP     |
| 23   | 195-78-41380 | LINK            | 2   | SN: (1632)-(3299) |
| 23A  | 07020-00000  | FITTING         | 4   | SN: (3301)-UP     |
| 24   | 195-78-41311 | BUSH            | 4   | SN: (3301)-UP     |
| 24   | 195-78-41310 | BUSH            | 4   | SN: (1632)-(3299) |
| 25   | 195-78-41320 | SEAL            | 8   | SN: (1632)-UP     |
| 26   | 195-78-41130 | ARM             | 1   | SN: (1632)-UP     |
| 27   | 195-78-41280 | BUSH            | 2   | SN: (1632)-UP     |
| 28   | 195-78-41320 | SEAL            | 4   | SN: (1632)-UP     |
| 29   | 195-78-41171 | BEAM            | 1   | SN: (3300)-UP     |
| 29   | 195-78-41170 | □ BEAM          | 1   | SN: (1632)-(3299) |
| 30   | 195-78-41290 | BUSH            | 2   | SN: (1632)-UP     |
| 31   | 195-78-41320 | SEAL            | 4   | SN: (1632)-UP     |

| Item | Part No.     | Part Name           | Qty | Options       |
|------|--------------|---------------------|-----|---------------|
|      | 195-78-00031 | SHANK ASSEMBLY      | 3   | SN: (1632)-UP |
| 32   | 195-78-41190 | • SHANK             | 1   | SN: (1632)-UP |
| 33   | 195-78-21320 | • PROTECTOR         | 1   | SN: (1214)-UP |
| 33   | 195-78-21580 | • PROTECTOR, LONG   | 3   | SN: (1214)-UP |
| 34   | 195-78-21331 | • POINT             | 1   | SN: (1214)-UP |
| 34   | 195-78-21562 | • POINT, LONG       | 3   | SN: (1214)-UP |
| 34   | 195-78-21333 | • POINT, SHORT      | 3   | SN: (1214)-UP |
| 35   | 175-78-21740 | • PIN ASSEMBLY      | 3   | SN: (1214)-UP |
| 36   | 195-78-41370 | PIN                 | 3   | SN: (1632)-UP |
| 37   | 195-78-41360 | COLLAR              | 6   | SN: (1632)-UP |
| 38   | 175-78-21740 | PIN ASSEMBLY        | 6   | SN: (1632)-UP |
| 39   | 195-78-41350 | GUARD               | 1   | SN: (1632)-UP |
| 40   | 01010-31645  | BOLT                | 4   | SN: (1632)-UP |
| 41   | 01602-01648  | WASHER              | 4   | SN: (1632)-UP |
| 42   | 01643-31645  | WASHER              | 4   | SN: (1632)-UP |
| 43   | 09601-00835  | PLATE, NAME         | 1   | SN: (1010)-UP |
| 44   | 04418-03060  | SCREW               | 4   | SN: (1010)-UP |
| 45   | 195-78-14350 | ADAPTER, (CUP ONLY) | -2  | SN: (1093)-UP |

Catalog signs: ☐ part above may be used instead

Reference: 101A

Fig.111 リッパ シリンダ (適用号機 1010~1296)  
RIPPER CYLINDER (Serial No. 1010~1296)



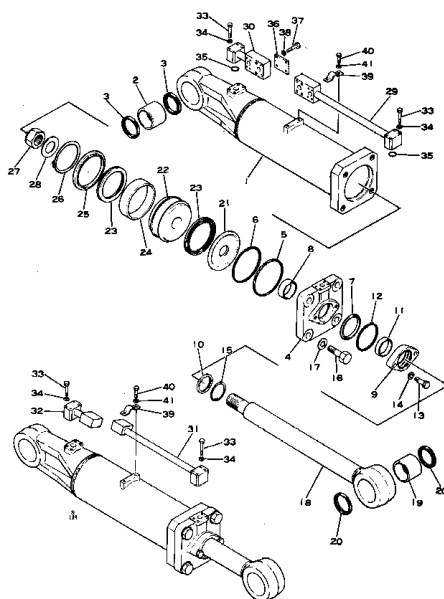
Reference: 111

## 030030 RIPPER CYLINDER (#(1010)-(1296))

| Item | Part No.     | Part Name         | Qty | Options           |
|------|--------------|-------------------|-----|-------------------|
|      | 195-63-42000 | CYLINDER ASSEMBLY | 2   | SN: (1010)-(1296) |
| 1    | 195-63-42140 | • CYLINDER        | 1   | SN: (1010)-(1296) |
| 2    | 07143-11110  | • BUSH            | 1   | SN: (1010)-(@)    |
| 3    | 07145-00110  | • SEAL            | 2   | SN: (1010)-(@)    |
| 4    | 195-63-42130 | • HEAD            | 1   | SN: (1010)-(1296) |
| 5    | 07001-05220  | • LINK            | 1   | SN: (1010)-(@)    |
| 6    | 07000-15220  | • O-RING          | 1   | SN: (1010)-(@)    |
| 7    | 154-63-52170 | • U PACKING       | 1   | SN: (1010)-(1296) |
| 8    | 07177-09035  | • BUSH            | 1   | SN: (1010)-(@)    |
| 9    | 07178-09050  | • GROUND          | 1   | SN: (1010)-(1296) |
| 10   | 07016-00908  | • SEAL            | 1   | SN: (1010)-(@)    |
| 11   | 07177-09020  | • BUSH            | 1   | SN: (1010)-(@)    |
| 12   | 07000-03110  | • O-RING          | 1   | SN: (1010)-(@)    |
| 13   | 01040-31855  | • BOLT            | 2   | SN: (1010)-(1032) |
| 13   | 01010-31855  | • BOLT            | 2   | SN: (1033)-(1296) |
| 14   | 01602-01854  | • WASHER          | 2   | SN: (1010)-(1296) |
| 15   | 07179-00113  | • LINK            | 1   | SN: (1010)-(@)    |
| 16   | 01011-33000  | • BOLT            | 4   | SN: (1010)-(1296) |
| 17   | 01601-03075  | • WASHER          | 4   | SN: (1010)-(1296) |
| 18   | 195-63-42120 | • ROD             | 1   | SN: (1010)-(1296) |
| 19   | 07143-11110  | • BUSH            | 1   | SN: (1010)-(@)    |
| 20   | 07145-00110  | • SEAL            | 2   | SN: (1010)-(@)    |
| 21   | 07159-02208  | • RETAINER        | 1   | SN: (1010)-(1296) |
| 22   | 195-63-42160 | • PISTON          | 1   | SN: (1010)-(1296) |
| 23   | 07157-02220  | • U PACKING       | 2   | SN: (1010)-(1296) |
| 24   | 07155-02250  | • LINK            | 1   | SN: (1010)-(@)    |
| 25   | 07160-02219  | • RETAINER        | 1   | SN: (1010)-(1296) |
| 26   | 04069-01952  | • LINK            | 1   | SN: (1010)-(@)    |
| 27   | 07165-16870  | • NAT             | 1   | SN: (1010)-(1296) |

Reference: 111

Fig. 111A リッパ シリンダ (適用号機  
Serial No. 1297~3299)



Reference: 111A

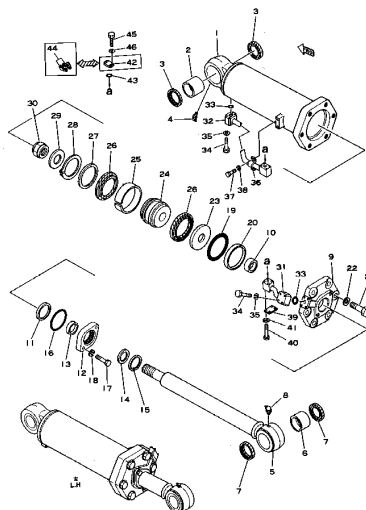
## 030040 RIPPER CYLINDER (#(1297)-(3299))

| Item | Part No.     | Part Name                | Qty | Options           |
|------|--------------|--------------------------|-----|-------------------|
|      | 195-63-42203 | CYLINDER ASSEMBLY, RIGHT | 1   | SN: (1297)-(3299) |
|      | 195-63-42103 | CYLINDER ASSEMBLY, LEFT  | 1   | SN: (1297)-(3299) |
| 1    | 195-63-42144 | • CYLINDER               | 1   | SN: (1297)-(3299) |
| 2    | 07143-11110  | • BUSH                   | 1   | SN: (1010)-(3299) |
| 3    | 07145-00110  | • SEAL                   | 2   | SN: (1010)-(3299) |
| 4    | 195-63-42131 | • HEAD                   | 1   | SN: (1297)-(3299) |
| 5    | 07001-05220  | • LINK                   | 1   | SN: (1010)-(@)    |
| 6    | 07000-15220  | • O-RING                 | 1   | SN: (1010)-(@)    |
| 7    | 154-63-52173 | • U PACKING              | 1   | SN: (1297)-(3299) |
| 8    | 07177-09035  | • BUSH                   | 1   | SN: (1010)-(@)    |
| 9    | 195-63-52470 | • GROUND                 | 1   | SN: (1297)-(@)    |
| 10   | 07016-00908  | • SEAL                   | 1   | SN: (1010)-(@)    |
| 11   | 07177-09020  | • BUSH                   | 1   | SN: (1010)-(@)    |
| 12   | 07000-03110  | • O-RING                 | 1   | SN: (1010)-(@)    |
| 13   | 01010-51865  | • BOLT                   | 2   | SN: (1297)-(@)    |
| 13   | 01040-31855  | • BOLT                   | 2   | SN: (1010)-(1032) |
| 14   | 01602-21854  | • WASHER                 | 2   | SN: (1297)-(@)    |
| 15   | 07179-00113  | • LINK                   | 1   | SN: (1010)-(@)    |
| 16   | 01011-83605  | • BOLT                   | 4   | SN: (1297)-(3299) |
| 17   | 01601-23690  | • WASHER                 | 4   | SN: (1297)-(3299) |
| 18   | 195-63-42123 | • ROD                    | 1   | SN: (1297)-(3299) |
| 19   | 07143-11110  | • BUSH                   | 1   | SN: (1010)-(3299) |
| 20   | 07145-00110  | • SEAL                   | 2   | SN: (1010)-(3299) |
| 21   | 195-63-42480 | • RETAINER               | 1   | SN: (1297)-(@)    |
| 22   | 195-63-42161 | • PISTON                 | 1   | SN: (1297)-(@)    |
| 23   | 195-63-42461 | • PACKING                | 2   | SN: (1297)-(@)    |
| 24   | 07155-02250  | • LINK                   | 1   | SN: (1010)-(@)    |
| 25   | 195-63-42490 | • RETAINER               | 1   | SN: (1297)-(@)    |
| 26   | 04069-01952  | • LINK                   | 1   | SN: (1010)-(@)    |
| 27   | 175-63-52432 | • NAT                    | 1   | SN: (1297)-(@)    |
| 28   | 175-63-52441 | • WASHER                 | 1   | SN: (1297)-(@)    |
| 29   | 195-78-13581 | • TUBE, RIGHT            | 1   | SN: (1297)-(3299) |
| 30   | 195-78-13560 | • TUBE, RIGHT            | 1   | SN: (1297)-(3299) |
| 31   | 195-78-13611 | • TUBE, LEFT             | 1   | SN: (1297)-(3299) |

| Item | Part No.     | Part Name    | Qty | Options           |
|------|--------------|--------------|-----|-------------------|
| 32   | 195-78-13590 | • TUBE, LEFT | 1   | SN: (1297)-(3299) |
| 33   | 01010-51085  | • BOLT       | 8   | SN: (1297)-(3299) |
| 34   | 01602-21030  | • WASHER     | 8   | SN: (1297)-(3299) |
| 35   | 07000-13035  | • O-RING     | 2   | SN: (1297)-(3299) |
| 36   | 195-63-42281 | • PLATE      | 1   | SN: (1297)-(3299) |
| 37   | 01010-51225  | • BOLT       | 2   | SN: (1297)-(3299) |
| 38   | 01602-21030  | • WASHER     | 2   | SN: (1297)-(3299) |
| 39   | 07282-03411  | • CLAMP      | 1   | SN: (1297)-(@)    |
| 40   | 01010-51020  | • BOLT       | 2   | SN: (1297)-(@)    |
| 41   | 01602-21030  | • WASHER     | 2   | SN: (1297)-(@)    |

Reference: 111A

Fig.111B RIPPER CYLINDER (Serial No. 3301-)



Reference: 111B

## 030050 RIPPER CYLINDER (#(3301)-)

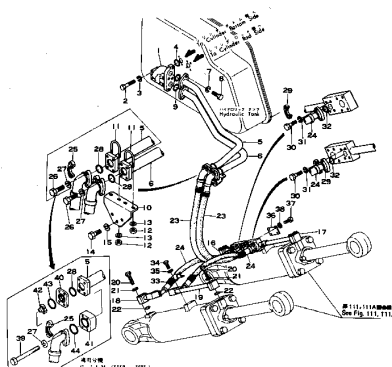
| Item | Part No.     | Part Name                  | Qty | Options           |
|------|--------------|----------------------------|-----|-------------------|
|      | 195-63-44300 | CYLINDER ASSEMBLY, LEFT    | 1   | SN: (4451)-UP     |
|      | 195-63-42502 | □ CYLINDER ASSEMBLY, LEFT  | 1   | SN: (3301)-(4450) |
|      | 195-63-44400 | CYLINDER ASSEMBLY, RIGHT   | 1   | SN: (4451)-UP     |
|      | 195-63-42602 | □ CYLINDER ASSEMBLY, RIGHT | 1   | SN: (3301)-(4450) |
| 1    | 195-63-42531 | • CYLINDER, LEFT           | 1   | SN: (3301)-UP     |
| 1    | 195-63-42631 | • CYLINDER, RIGHT          | 1   | SN: (3301)-UP     |
| 2    | 07144-11210  | • BUSH                     | 1   | SN: (3301)-UP     |
| 3    | 07145-00120  | • SEAL                     | 2   | SN: (3301)-UP     |
| 4    | 07020-00675  | • FITTING                  | 1   | SN: (3301)-UP     |
| 5    | 195-63-42521 | • ROD                      | 1   | SN: (3301)-UP     |
| 6    | 07144-11210  | • BUSH                     | 1   | SN: (3301)-UP     |
| 7    | 07145-00120  | • SEAL                     | 2   | SN: (3301)-UP     |
| 8    | 07020-00900  | • FITTING                  | 1   | SN: (3301)-UP     |
| 9    | 195-63-42132 | • HEAD                     | 1   | SN: (3301)-UP     |
| 10   | 07177-09035  | • BUSH                     | 1   | SN: (1297)-UP     |
| 11   | 707-51-90110 | • U PACKING                | 1   | SN: (.)-UP        |
| 11   | 154-63-52173 | • □ U PACKING              | 1   | SN: (3301)-(.)    |
| 12   | 195-63-52470 | • GROUND                   | 1   | SN: (1297)-UP     |
| 13   | 07177-09020  | • BUSH                     | 1   | SN: (1297)-UP     |
| 14   | 195-63-94170 | • SEAL                     | 1   | SN: (.)-UP        |
| 14   | 07016-00908  | • □ SEAL                   | 1   | SN: (1297)-(.)    |
| 15   | 07179-00113  | • LINK                     | 1   | SN: (1297)-UP     |
| 16   | 07000-03110  | • O-RING                   | 1   | SN: (1297)-UP     |
| 17   | 01010-31865  | • BOLT                     | 2   | SN: (1297)-UP     |
| 18   | 01602-01854  | • WASHER                   | 2   | SN: (1297)-UP     |
| 19   | 07000-15220  | • O-RING                   | 1   | SN: (1297)-UP     |
| 20   | 07001-05220  | • LINK                     | 1   | SN: (1297)-UP     |
| 21   | 01010-83095  | • BOLT                     | 6   | SN: (1297)-UP     |
| 22   | 01601-23075  | • WASHER                   | 6   | SN: (1297)-UP     |
| 23   | 195-63-42480 | • RETAINER                 | 1   | SN: (1297)-UP     |
| 24   | 707-36-22550 | • PISTON                   | 1   | SN: (4451)-UP     |
| 24   | 195-63-42161 | • PISTON                   | 1   | SN: (1297)-(4450) |
| 25   | 07155-02250  | • LINK                     | 1   | SN: (1297)-UP     |
| 26   | 707-44-22080 | • LINK                     | 2   | SN: (4451)-UP     |
| 26   | 195-63-42461 | • PACKING                  | 2   | SN: (1297)-(4450) |
| 27   | 195-63-42490 | • RETAINER                 | 1   | SN: (1297)-UP     |
| 28   | 04069-01952  | • LINK                     | 1   | SN: (1297)-UP     |
| 29   | 175-63-52441 | • WASHER                   | 1   | SN: (1297)-UP     |
| 30   | 175-63-52432 | • NAT                      | 1   | SN: (1297)-UP     |
| 31   | 195-63-42870 | • TUBE, LEFT               | 1   | SN: (3301)-UP     |
| 31   | 195-63-42860 | • TUBE, RIGHT              | 1   | SN: (3301)-UP     |
| 32   | 195-63-42960 | • TUBE, LEFT               | 1   | SN: (3301)-UP     |
| 32   | 195-63-42970 | • TUBE, RIGHT              | 1   | SN: (3301)-UP     |
| 33   | 07000-13038  | • O-RING                   | 2   | SN: (3301)-UP     |
| 34   | 01010-31080  | • BOLT                     | 8   | SN: (3301)-UP     |
| 35   | 01602-01030  | • WASHER                   | 8   | SN: (3301)-UP     |
| 36   | 07282-03411  | • CLAMP                    | 1   | SN: (1297)-UP     |

| Item | Part No.     | Part Name | Qty | Options       |
|------|--------------|-----------|-----|---------------|
| 37   | 01010-31020  | • BOLT    | 2   | SN: (1297)-UP |
| 38   | 01602-01030  | • WASHER  | 2   | SN: (1297)-UP |
| 39   | 175-63-42790 | • PLATE   | 1   | SN: (3301)-UP |
| 40   | 01010-31025  | • BOLT    | 4   | SN: (3301)-UP |
| 41   | 01602-01030  | • WASHER  | 4   | SN: (3301)-UP |
| 42   | 07378-11000  | • HEAD    | 2   | SN: (3301)-UP |
| 43   | 07000-13032  | • O-RING  | 2   | SN: (3301)-UP |
| 44   | 07371-31044  | • FLANGE  | 4   | SN: (3301)-UP |
| 45   | 07372-21030  | • BOLT    | 8   | SN: (3301)-UP |
| 46   | 01602-01030  | • WASHER  | 8   | SN: (3301)-UP |

Catalog signs: ☐ part above may be used instead

Reference: 111B

Fig. 131 HYDRAULIC PIPING (Serial No. 1010 ~ 1631)



Reference: 131

## 030060 HYDRAULIC PIPING (#(1010)-(1631))

| Item | Part No.     | Part Name    | Qty | Options           |
|------|--------------|--------------|-----|-------------------|
| 1    | 195-78-13510 | ERBO         | 1   | SN: (1010)-(1631) |
| 2    | 01011-31200  | BOLT         | 7   | SN: (1010)-(1631) |
| 3    | 01602-01236  | WASHER       | 7   | SN: (1010)-(@)    |
| 4    | 07000-13048  | O-RING (KIT) | 2   | SN: (1010)-(@)    |
| 5    | 195-78-13520 | TUBE         | 1   | SN: (1010)-(1631) |
| 6    | 195-78-13540 | TUBE         | 1   | SN: (1010)-(1631) |
| 7    | 01010-31650  | BOLT         | 4   | SN: (1067)-(1631) |
| 7    | 01040-31650  | BOLT         | 4   | SN: (1010)-(1066) |
| 8    | 01602-01648  | WASHER       | 4   | SN: (1010)-(1631) |
| 9    | 07000-13050  | O-RING (KIT) | 2   | SN: (1010)-(1631) |
| 10   | 195-78-13550 | PLATE        | 1   | SN: (1010)-(1631) |
| 11   | 07283-04957  | CLIP         | 2   | SN: (1010)-(1631) |
| 12   | 01599-01011  | NAT          | 4   | SN: (1010)-(1631) |
| 13   | 01643-01032  | WASHER       | 4   | SN: (1010)-(1631) |
| 14   | 01010-31230  | BOLT         | 3   | SN: (1010)-(1631) |
| 15   | 01602-01236  | WASHER       | 3   | SN: (1010)-(1631) |
| 16   | 195-78-13560 | TUBE, RIGHT  | 1   | SN: (1010)-(1296) |
| 17   | 195-78-13581 | TUBE, RIGHT  | 1   | SN: (1117)-(1296) |
| 17   | 195-78-13580 | TUBE, RIGHT  | 1   | SN: (1010)-(1116) |
| 18   | 195-78-13590 | TUBE, LEFT   | 1   | SN: (1010)-(1296) |
| 19   | 195-78-13611 | TUBE, LEFT   | 1   | SN: (1117)-(1296) |
| 19   | 195-78-13610 | TUBE, LEFT   | 1   | SN: (1010)-(1116) |
| 20   | 01010-31085  | BOLT         | 16  | SN: (1010)-(1296) |
| 21   | 01602-01030  | WASHER       | 16  | SN: (1010)-(1296) |
| 22   | 07000-13035  | O-RING (KIT) | 4   | SN: (1010)-(1296) |
| 23   | 07115-01415  | HOSE         | 2   | SN: (1010)-(1631) |
| 24   | 07115-01009  | HOSE         | 2   | SN: (1010)-(1631) |
| 25   | 07371-01460  | FLANGE       | 8   | SN: (1010)-(@)    |
| 26   | 07372-01235  | BOLT         | 12  | SN: (1117)-(@)    |
| 26   | 07372-01235  | BOLT         | 16  | SN: (1010)-(1116) |
| 27   | 01602-01236  | WASHER       | 16  | SN: (1010)-(@)    |
| 28   | 07000-13048  | O-RING (KIT) | 4   | SN: (1010)-(@)    |
| 29   | 07371-01044  | FLANGE       | 8   | SN: (1010)-(1631) |
| 30   | 07372-01030  | BOLT         | 16  | SN: (1010)-(1631) |
| 31   | 01602-01030  | WASHER       | 16  | SN: (1010)-(1631) |
| 32   | 07000-13032  | O-RING (KIT) | 4   | SN: (1010)-(1631) |
| 33   | 07282-03411  | CLAMP        | 2   | SN: (1010)-(1296) |
| 34   | 01010-31020  | BOLT         | 4   | SN: (1010)-(1296) |
| 35   | 01602-01030  | WASHER       | 4   | SN: (1010)-(1296) |
| 36   | 195-78-13420 | PLATE        | 1   | SN: (1010)-(1631) |
| 37   | 01010-31225  | BOLT         | 4   | SN: (1010)-(1631) |
| 38   | 01602-01236  | WASHER       | 4   | SN: (1010)-(1631) |
| 39   | 01010-31290  | BOLT         | 4   | SN: (1117)-(@)    |
| 40   | 195-78-13640 | FLANGE       | 1   | SN: (1117)-(1631) |
| 41   | 195-78-13650 | FLANGE       | 1   | SN: (1117)-(1631) |
| 42   | 195-78-13660 | VALVE        | 1   | SN: (1117)-(1631) |
| 43   | 07000-12055  | O-RING (KIT) | 1   | SN: (1117)-(1631) |

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