

# CATERPILLAR PIN GRAB

NCL / SEBP5198

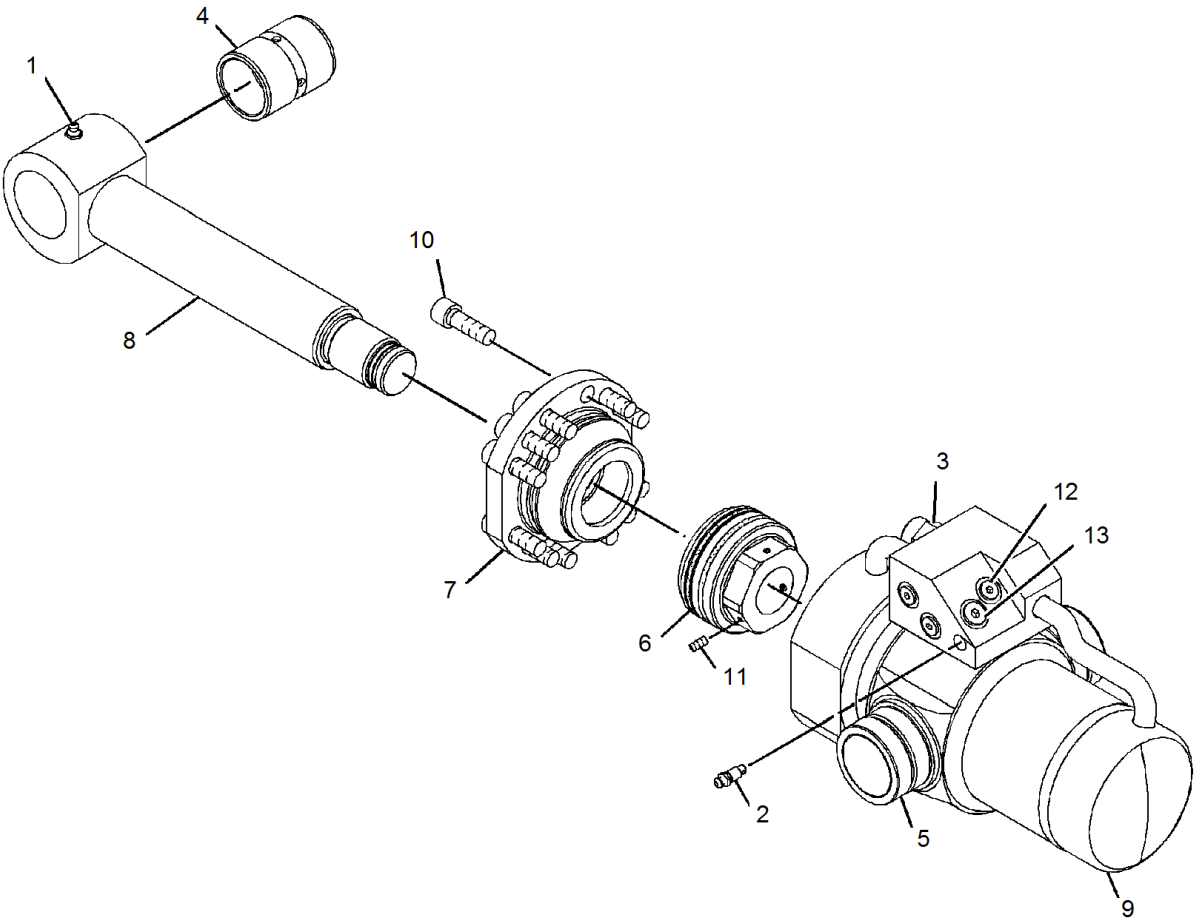
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| Basic engine |      |

294-8011 CYLINDER GP-COUPLER

294-8011 CYLINDER GP-COUPLER S/N GWA1-UP; GWJ1-UP; WAJ1-UP; GWK1-UP; GWL1-UP; NCL1-UP; WAL1-UP; NCN1-UP; NCP1-UP; WAR1-UP 89-MM (3.5-IN) BORE X 165-MM (6.5-IN) STROKE PART OF 292-4151, 292-4152, 292-4162, 318-7130, 347-6890, 350-0170, 350-0174, 350-9286 COUPLER GP-QUICK

Drawing 1 of 1



| Ref. | Part number | Description                   | Qty | Code | Group page |
|------|-------------|-------------------------------|-----|------|------------|
| 1    | 3B-8489     | FITTING-GREASE (1/8-27 PTF)   | 1   |      |            |
| 2    | 9F-2167     | SCREW-PURGE (3/8-24X1.164-IN) | 1   |      |            |
| 3    | 339-3730    | VALVE-COUNTERBALANCE          | 1   | J    |            |
| 4    | 346-5591    | BEARING                       | 1   |      |            |
| 5    | 346-5592    | BUSHING                       | 2   |      |            |
| 6    | 346-5593    | PISTON                        | 1   |      |            |
| 7    | 346-5594    | HEAD                          | 1   |      |            |
| 8    | 346-5595    | ROD AS                        | 1   |      |            |
| 9    | 346-5596    | TUBE AS                       | 1   |      |            |
| 10   | 3F-7147     | BOLT (1/2-13X1.5-IN)          | 12  |      |            |
| 11   | 4B-9808     | SETSCREW (1/4-20X0.5-IN)      | 3   |      |            |
| 12   | 9S-8002     | PLUG (7/16-20-THD)            | 4   |      |            |
| 13   | 9S-8004     | PLUG (9/16-18-THD)            | 1   |      |            |

294-8011 CYLINDER GP-COUPLER (continued)

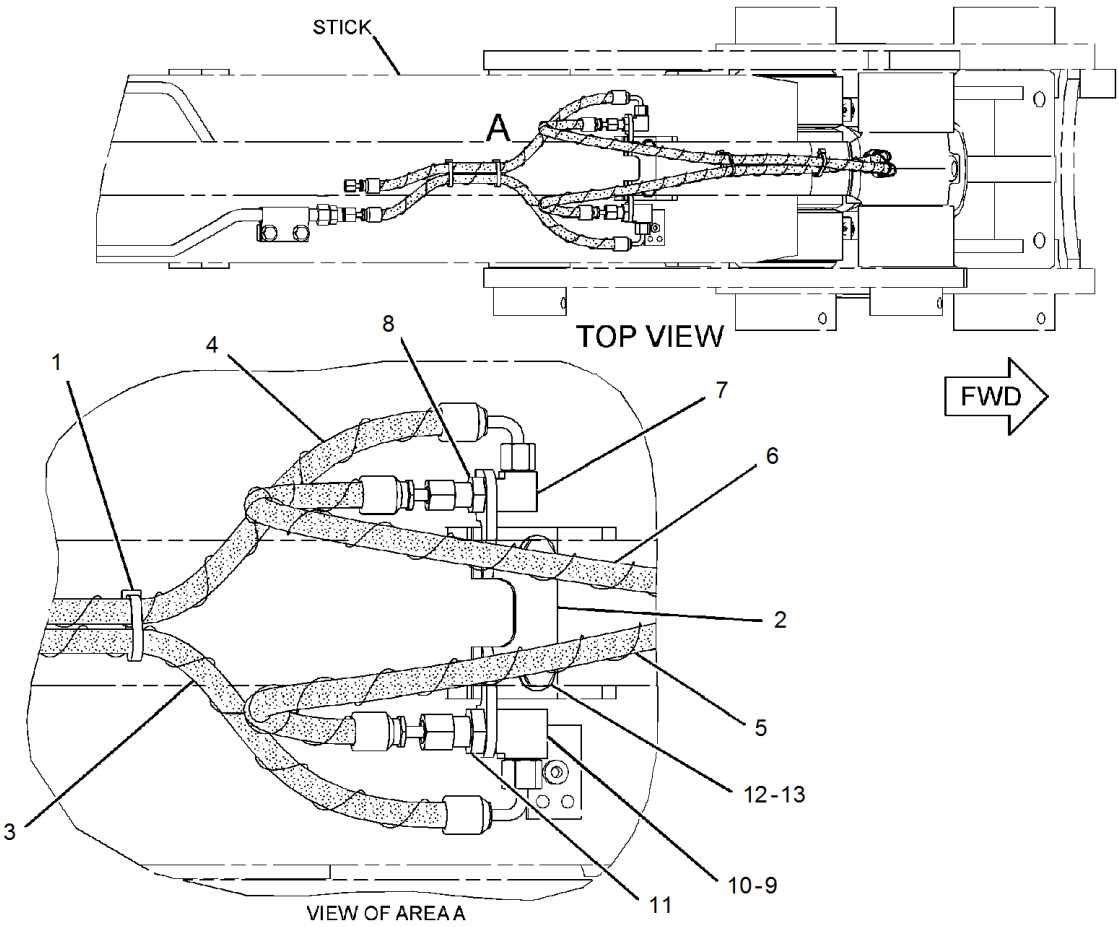
| Ref.                                                                                                      | Part number | Description                        | Qty. | Code | Group page |
|-----------------------------------------------------------------------------------------------------------|-------------|------------------------------------|------|------|------------|
| AVAILABLE REPAIR KIT(S):                                                                                  |             |                                    |      |      |            |
|                                                                                                           | 346-0643    | KIT-SEAL (COUPLER CYLINDER)        | 1    |      |            |
| (KIT INCLUDES WIPER, DOUBLE LIP SEAL, WEAR-RING, O-RING, BACK-UP RING, PISTON RING SET, & C1 PISTON RING) |             |                                    |      |      |            |
|                                                                                                           | 161-1980    | KIT-SERVICE (COUNTERBALANCE VALVE) | 1    | J    |            |

CAT codes: J.

345-3156 LINES GP-COUPLER

345-3156 LINES GP-COUPLER S/N WAJ1-UP; NCL1-UP PART OF 351-8602 COUPLER AR-QUICK FOR USE WITH 292-4151, B-LINKAGE

Drawing 1 of 1



| Ref. | Part number | Description           | Qty | Code | Group page |
|------|-------------|-----------------------|-----|------|------------|
| 1    | 7K-1181     | STRAP-CABLE           | 5   |      |            |
| 2    | 345-4467    | BRACKET AS            | 1   |      |            |
| 3    | 346-3046    | HOSE AS               | 1   | I    |            |
| 4    | 346-3047    | HOSE AS               | 1   | I    |            |
| 5    | 359-2912    | HOSE AS               | 1   | I    |            |
| 6    | 359-2913    | HOSE AS               | 1   | I    |            |
| 7    | 148-8384    | ELBOW AS              | 1   |      |            |
|      | 4J-5477     | SEAL-O-RING           | 2   |      |            |
|      | 6V-8979     | ELBOW                 | 1   |      |            |
| 8    | 2P-1279     | LOCKNUT (9/16-18-THD) | 1   |      |            |
| 9    | 6V-8397     | SEAL-O-RING           | 2   |      |            |
| 10   | 6V-8980     | ELBOW                 | 1   |      |            |

345-3156 LINES GP-COUPLER (continued)

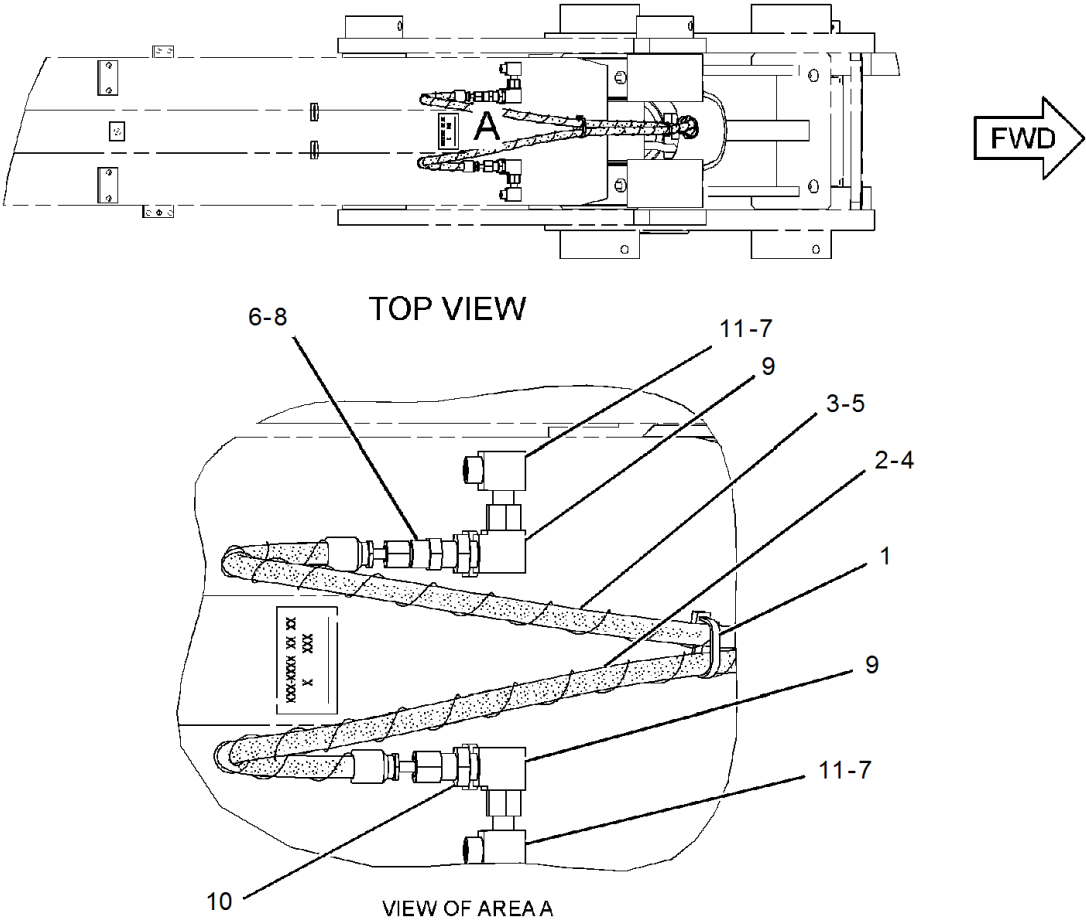
| Ref. | Part number | Description                    | Qty | Code | Group page |
|------|-------------|--------------------------------|-----|------|------------|
| 11   | 6V-9168     | NUT (11/16-16-THD)             | 1   |      |            |
| 12   | 8T-4121     | WASHER-HARD (11X21X2.5-MM THK) | 2   |      |            |
| 13   | 8T-4137     | BOLT (M10X1.5X20-MM)           | 2   | M    |            |

CAT codes: I, M.

355-9994 LINES GP-COUPLER

355-9994 LINES GP-COUPLER S/N WAJ1-UP; NCL1-UP FOR USE WITH 292-4151, B-LINKAGE

Drawing 1 of 1



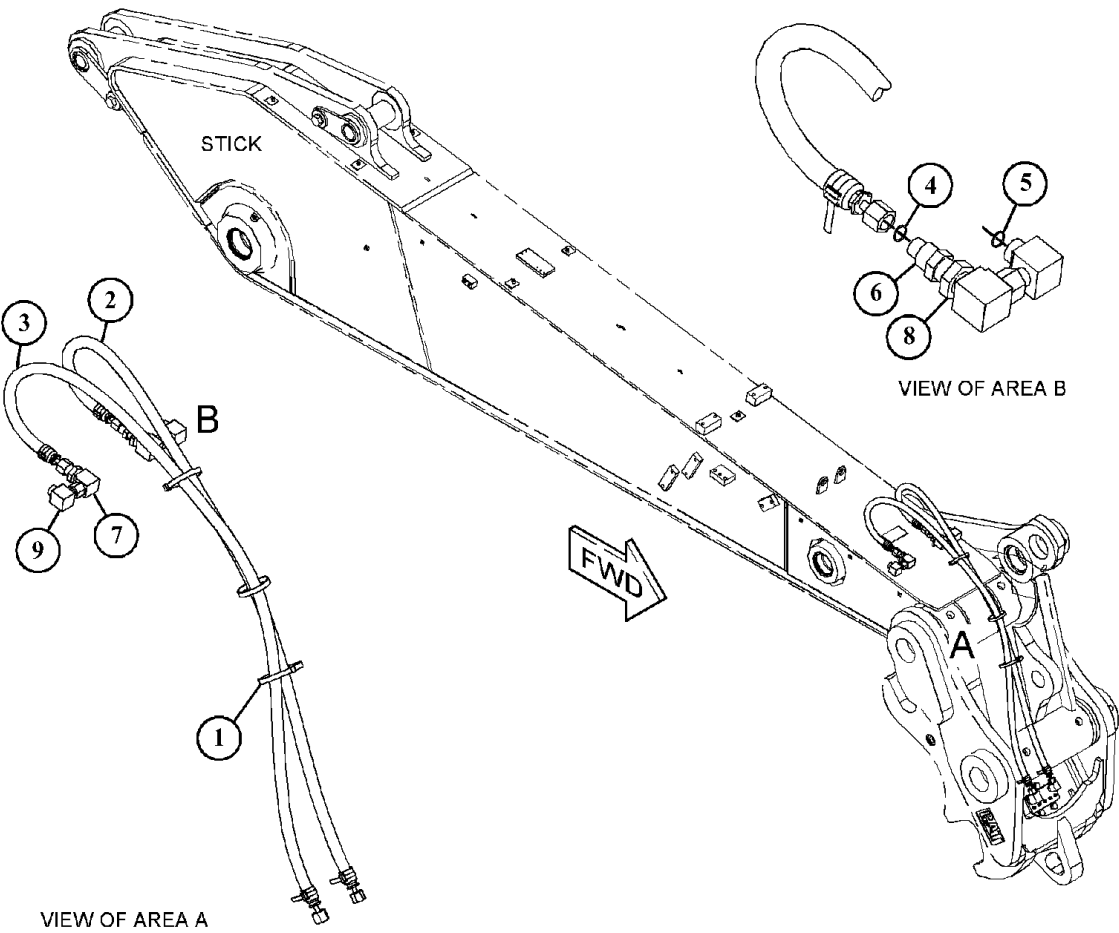
| Ref. | Part number | Description        | Qty | Code | Group page |
|------|-------------|--------------------|-----|------|------------|
| 1    | 7K-1181     | STRAP-CABLE        | 3   |      |            |
| 2    | 359-2912    | HOSE AS            | 1   | I    |            |
| 3    | 359-2913    | HOSE AS            | 1   | I    |            |
| 4    | 3J-1907     | SEAL-O-RING        | 1   |      |            |
| 5    | 3J-7354     | SEAL-O-RING        | 1   |      |            |
| 6    | 4J-5477     | SEAL-O-RING        | 1   |      |            |
| 7    | 6V-8397     | SEAL-O-RING        | 6   |      |            |
| 8    | 6V-8934     | ADAPTER            | 1   |      |            |
| 9    | 6V-8980     | ELBOW              | 2   |      |            |
| 10   | 6V-9168     | NUT (11/16-16-THD) | 2   |      |            |
| 11   | 6V-9850     | ELBOW              | 2   |      |            |

CAT codes: I.

472-2610 LINES GP-COUPLER

472-2610 LINES GP-COUPLER S/N WAJ1-UP; NCL1-UP FOR USE WITH B-LINKAGE

Drawing 1 of 1



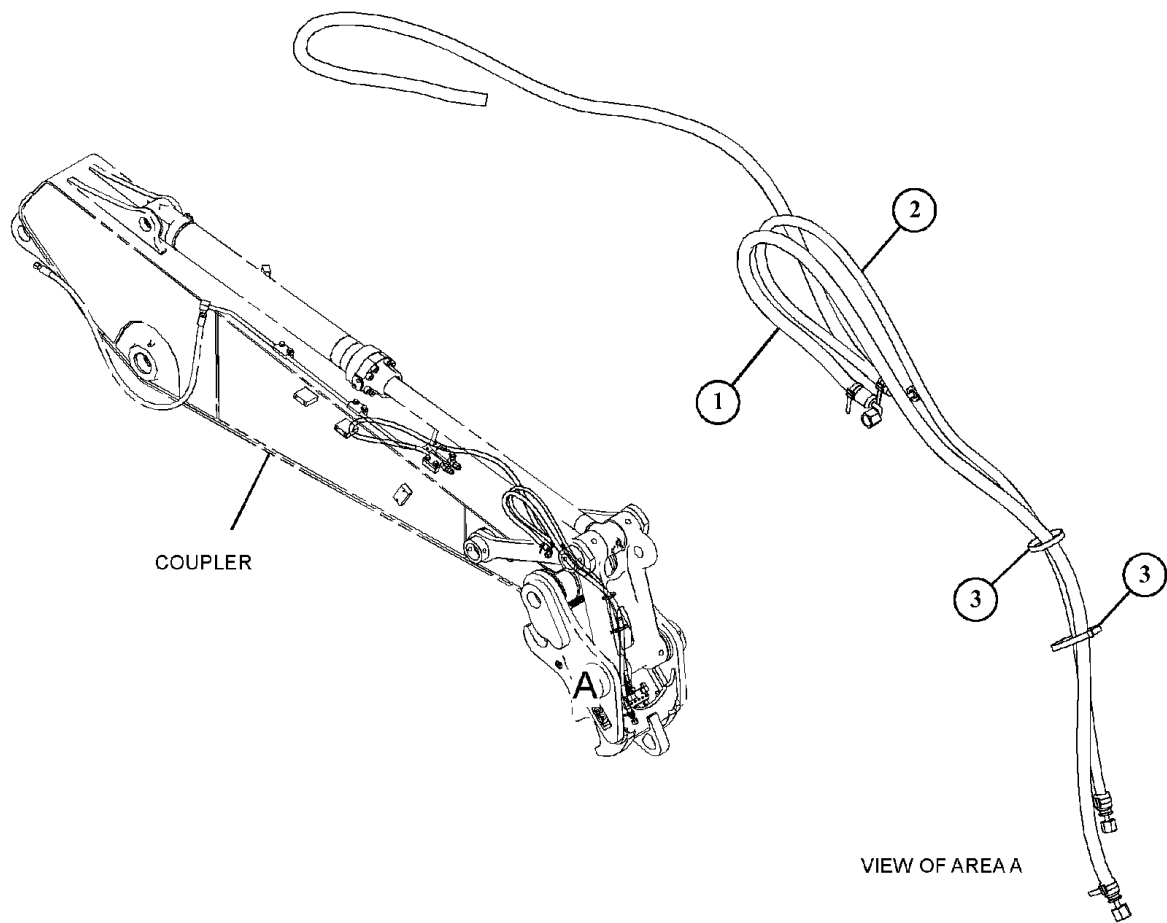
| Ref. | Part number | Description        | Qty | Code | Group page |
|------|-------------|--------------------|-----|------|------------|
| 1    | 7K-1181     | STRAP-CABLE        | 3   |      |            |
| 2    | 473-1365    | HOSE AS            | 1   | I    |            |
| 3    | 473-1366    | HOSE AS            | 1   | I    |            |
| 4    | 4J-5477     | SEAL-O-RING        | 1   |      |            |
| 5    | 6V-8397     | SEAL-O-RING        | 6   |      |            |
| 6    | 6V-8934     | ADAPTER            | 1   |      |            |
| 7    | 6V-8980     | ELBOW              | 2   |      |            |
| 8    | 6V-9168     | NUT (11/16-16-THD) | 2   |      |            |
| 9    | 6V-9850     | ELBOW              | 2   |      |            |

CAT codes: I.

578-0391 LINES GP-COUPLER

578-0391 LINES GP-COUPLER S/N WAF1-UP; WAJ1-UP; NCK1-UP; NCL1-UP

Drawing 1 of 1



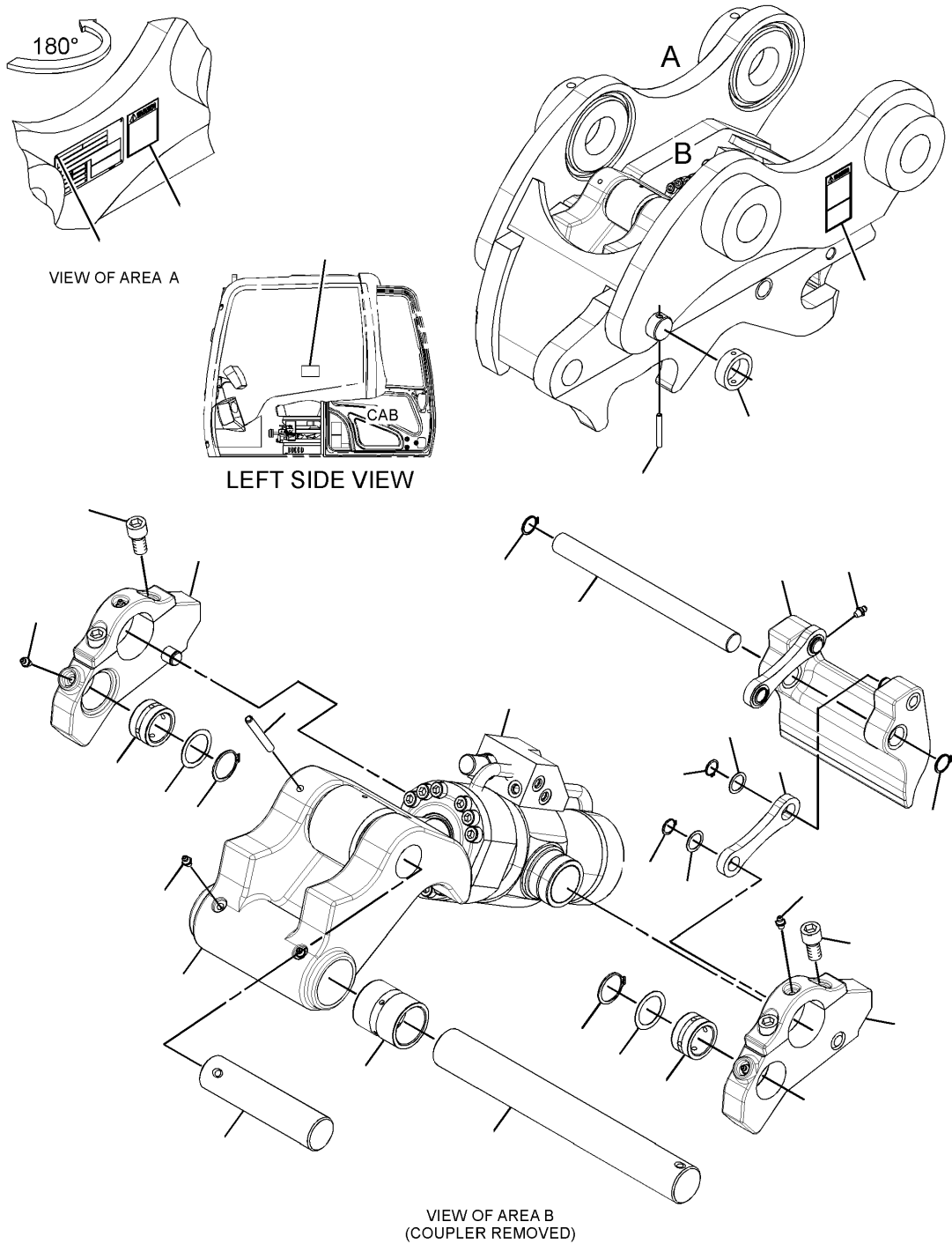
| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 493-4232    | HOSE AS     | 1   | I    |            |
| 2    | 494-0436    | HOSE AS     | 1   | I    |            |
| 3    | 7K-1181     | STRAP-CABLE | 2   |      |            |

CAT codes: I.

292-4151 COUPLER GP-QUICK

292-4151 COUPLER GP-QUICK S/N WAJ270-UP; NCL1-UP PART OF 351-8602 COUPLER AR-QUICK FOR USE WITH B-LINKAGE

Drawing 1 of 1



| Ref. | Part number | Description                            | Qty | Code | Group page |
|------|-------------|----------------------------------------|-----|------|------------|
| 1    | 1S-4923     | WASHER (1.5X2X0.035-IN THK)            | 2   |      |            |
| 4    | 159-8035    | FILM-WARNING (CRUSH HAZARD, STAY BACK) | 1   |      |            |
| 5    | 159-8036    | FILM-WARNING (READ OMM)                | 1   |      |            |
| 6    | 2K-1594     | PIN-SPRING (7.94X76.2-MM)              | 2   |      |            |

292-4151 COUPLER GP-QUICK (continued)

| Ref. | Part number | Description                          | Qty | Code | Group page |
|------|-------------|--------------------------------------|-----|------|------------|
| 7    | 286-5464    | BOSS                                 | 1   |      |            |
| 9    | 293-5146    | PLATE                                | 2   |      |            |
| 10   | 294-8011    | CYLINDER GP-COUPLER                  | 1   | Y    |            |
| 11   | 295-7964    | PIN                                  | 1   |      |            |
| 12   | 295-7974    | PIN                                  | 1   |      |            |
| 13   | 302-5941    | HOOK AS (SECONDARY)                  | 1   |      |            |
| 13A  | 3B-8489     | FITTING-GREASE (1/8-27 PTF)          | 2   |      |            |
| 13B  | 096-6837    | RING-RETAINING                       | 2   |      |            |
| 13C  | 133-1207    | WASHER (21.1X28.1X0.9-MM THK)        | 2   |      |            |
| 14   | 302-5943    | HOOK AS (PRIMARY)                    | 1   |      |            |
| 14A  | 3B-8489     | FITTING-GREASE (1/8-27 PTF)          | 2   |      |            |
| 14B  | 117-9436    | BUSHING                              | 2   |      |            |
| 15   | 302-6859    | ROCKER ARM GP (RH)                   | 1   |      |            |
| 15A  | 3B-8489     | FITTING-GREASE (1/8-27 PTF)          | 2   |      |            |
| 15B  | 7K-9592     | BUSHING                              | 1   |      |            |
| 15C  | 8T-0439     | BOLT-SOCKET HEAD (M16X2X30-MM)       | 2   | M    |            |
| 16   | 302-6860    | ROCKER ARM GP (LH)                   | 1   |      |            |
| 16A  | 3B-8489     | FITTING-GREASE (1/8-27 PTF)          | 2   |      |            |
| 16B  | 7K-9592     | BUSHING                              | 1   |      |            |
| 16C  | 8T-0439     | BOLT-SOCKET HEAD (M16X2X30-MM)       | 2   | M    |            |
| 17   | 349-6114    | PIN                                  | 1   | C    |            |
| 18   | 095-0924    | RING-RETAINING                       | 2   |      |            |
| 19   | 096-6837    | RING-RETAINING                       | 2   |      |            |
| 20   | 133-1207    | WASHER (21.1X28.1X0.9-MM THK)        | 2   |      |            |
| 21   | 4D-1322     | RING-RETAINING                       | 2   | C    |            |
| 22   | 268-4531    | FILM-INSTRUCTION (COUPLER OPERATION) | 1   | C    |            |
| 23   | 312-5694    | SETSCREW (1/4-20X0.25-IN)            | 1   |      |            |

CAT codes: C, M, Y.

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