

# CATERPILLAR 312-A

6GK / XEBP7235

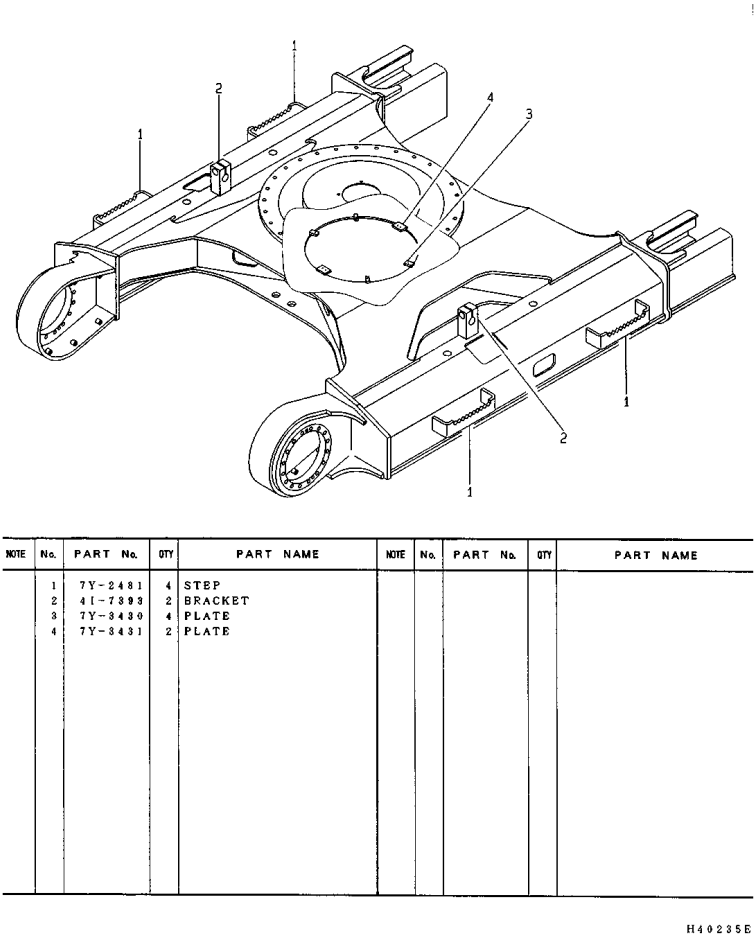
## Contents

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| <a href="#">Basic engine</a> | <a href="#">2</a> |
| Basic engine                 |                   |

5Q-3671 FRAME AS-UNDERCARRIAGE

5Q3671 FRAME AS-UNDERCARRIAGE An Attachment

Drawing 1 of 1

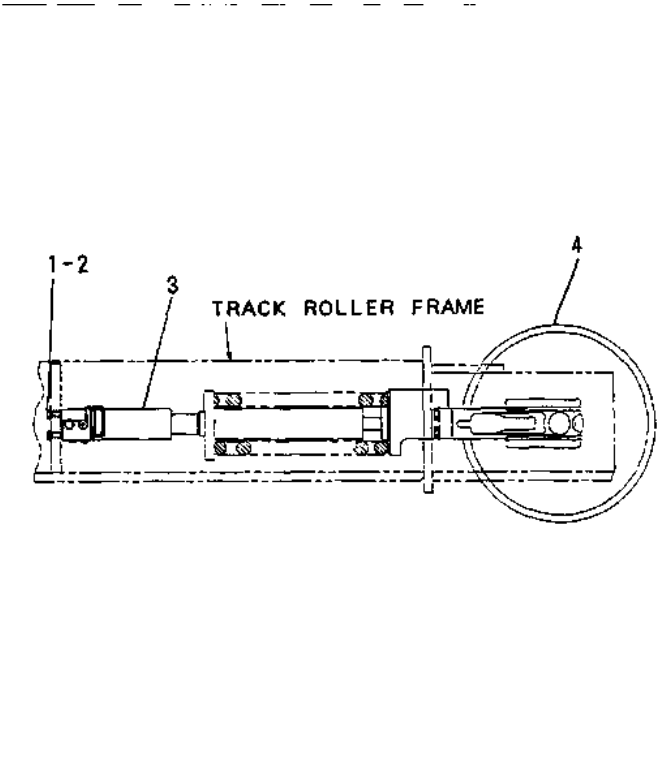


| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 7Y-2481     | STEP        | 4   |      |            |
| 2    | 4I-7393     | BRACKET     | 2   |      |            |
| 3    | 7Y-3430     | PLATE       | 4   |      |            |
| 4    | 7Y-3431     | PLATE       | 2   |      |            |

5Q-3166 IDLER GP-FRONT

5Q3166 IDLER GP-FRONT (A) 5Q3167--Page 3, 4I7338--Page 5 An Attachment

Drawing 1 of 1



| NOTE                        | No. | PART No. | QTY | PART NAME        |
|-----------------------------|-----|----------|-----|------------------|
|                             | 1   | 8T-4183  | 4   | BOLT (40mm LONG) |
|                             | 2   | 8T-4223  | 4   | WASHER           |
| Y                           | 3   | 4I-7338  | 2   | ADJUSTMENT GP    |
| Y                           | 4   | 5Q-3167  | 2   | IDLER GP         |
| Y-SEE SEPARATE ILLUSTRATION |     |          |     |                  |
| H40221E                     |     |          |     |                  |

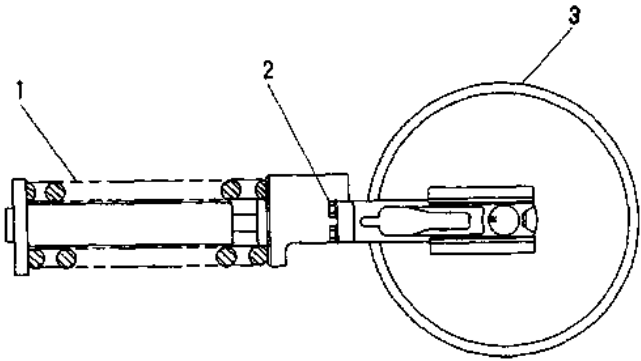
| Ref. | Part number | Description      | Qty | Code | Group page |
|------|-------------|------------------|-----|------|------------|
| 1    | 8T-4183     | BOLT (40mm LONG) | 4   |      |            |
| 2    | 8T-4223     | WASHER           | 4   |      |            |
| 3    | 4I-7338     | ADJUSTMENT GP    | 2   | Y    |            |
| 4    | 5Q-3167     | IDLER GP         | 2   | Y    |            |

CAT codes: Y.

5Q-3167 IDLER GP-FRONT

5Q3167 IDLER GP-FRONT (B) Part of 5Q3166 Idler listed on Page 3 5Q3168, 5Q3308--Page 4 An Attachment

Drawing 1 of 1



| NOTE                        | No. | PART No. | QTY | PART NAME        |
|-----------------------------|-----|----------|-----|------------------|
| Y                           | 1   | 5Q-3308  | 1   | SPRING GP        |
|                             | 2   | 8T-4193  | 4   | BOLT (50mm LONG) |
| Y                           | 3   | 5Q-3168  | 1   | IDLER GP         |
| Y-SEE SEPARATE ILLUSTRATION |     |          |     |                  |
| H40222E                     |     |          |     |                  |

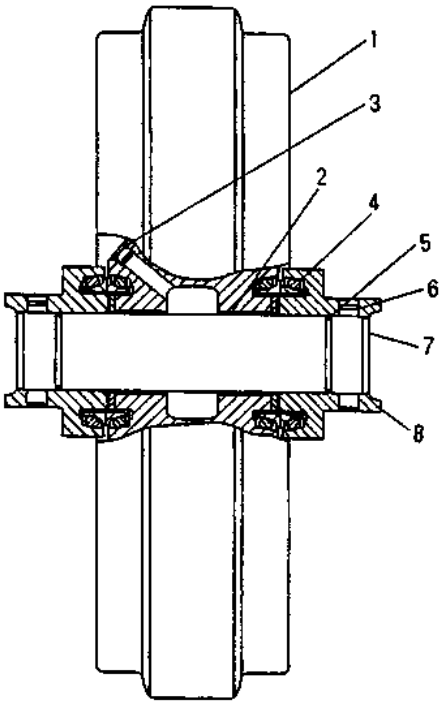
| Ref. | Part number | Description      | Qty | Code | Group page |
|------|-------------|------------------|-----|------|------------|
| 1    | 5Q-3308     | SPRING GP        | 1   | Y    |            |
| 2    | 8T-4193     | BOLT (50mm LONG) | 4   |      |            |
| 3    | 5Q-3168     | IDLER GP         | 1   | Y    |            |

CAT codes: Y.

5Q-3168 IDLER GP-FRONT

5Q3168 IDLER GP-FRONT (BASIC) Part of 5Q3167 Idler listed on Page 3 An Attachment

Drawing 1 of 1



| NOTE | No. | PART No. | QTY | PART NAME |
|------|-----|----------|-----|-----------|
|      | 1   | 5Q-3169  | 1   | IDLER AS  |
|      | 2   | 099-0157 | 2   | BEARING   |
|      | 3   | 7H-3171  | 1   | PLUG      |
|      | 4   | 099-0159 | 2   | SEAL GP   |
|      | 5   | 095-1662 | 2   | SEAL      |
|      | 6   | 099-0163 | 2   | PIN       |
|      | 7   | 6I-6477  | 1   | SHAFT     |
|      | 8   | 4I-7488  | 2   | BEARING   |

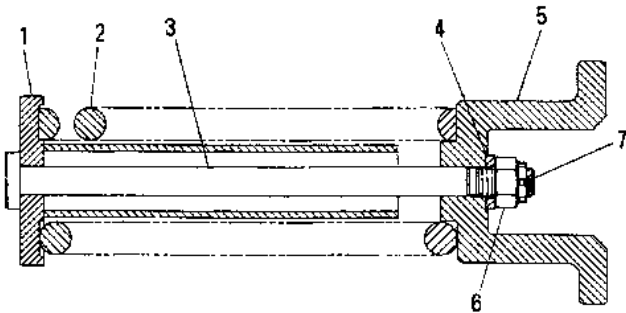
H40223E

| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 5Q-3169     | IDLER AS    | 1   |      |            |
| 2    | 099-0157    | BEARING     | 2   |      |            |
| 3    | 7H-3171     | PLUG        | 1   |      |            |
| 4    | 099-0159    | SEAL GP     | 2   |      |            |
| 5    | 095-1662    | SEAL        | 2   |      |            |
| 6    | 099-0163    | PIN         | 2   |      |            |
| 7    | 6I-6477     | SHAFT       | 1   |      |            |
| 8    | 4I-7488     | BEARING     | 2   |      |            |

5Q-3308 SPRING GP-RECOIL

5Q3308 SPRING GP-RECOIL (BASIC) Part of 5Q3167 Idler listed on Page 3 An Attachment

Drawing 1 of 1



| NOTE | No. | PART No. | QTY | PART NAME  |
|------|-----|----------|-----|------------|
|      | 1   | 085-5738 | 1   | SUPPORT AS |
|      | 2   | 099-0166 | 1   | SPRING     |
|      | 3   | 5Q-3310  | 1   | ROD        |
|      | 4   | 5Q-3309  | 1   | WASHER     |
|      | 5   | 6I-6456  | 1   | SUPPORT    |
|      | 6   | 095-1232 | 1   | NUT        |
|      | 7   | 099-2336 | 1   | COTTER     |

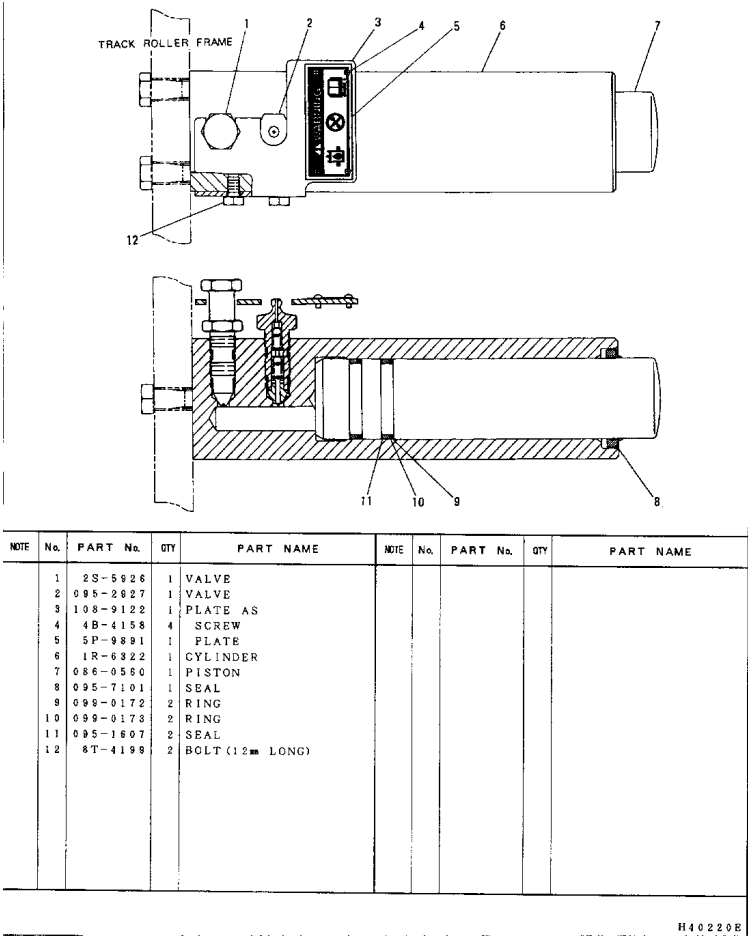
H40224E

| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 085-5738    | SUPPORT AS  | 1   |      |            |
| 2    | 099-0166    | SPRING      | 1   |      |            |
| 3    | 5Q-3310     | ROD         | 1   |      |            |
| 4    | 5Q-3309     | WASHER      | 1   |      |            |
| 5    | 6I-6456     | SUPPORT     | 1   |      |            |
| 6    | 095-1232    | NUT         | 1   |      |            |
| 7    | 099-2336    | COTTER      | 1   |      |            |

4I-7338 ADJUSTMENT GP-HYDRAULIC TRACK

4I7338 ADJUSTMENT GP-HYDRAULIC TRACK Part of 5Q3166 Idler listed on Page 3 An Attachment

Drawing 1 of 1

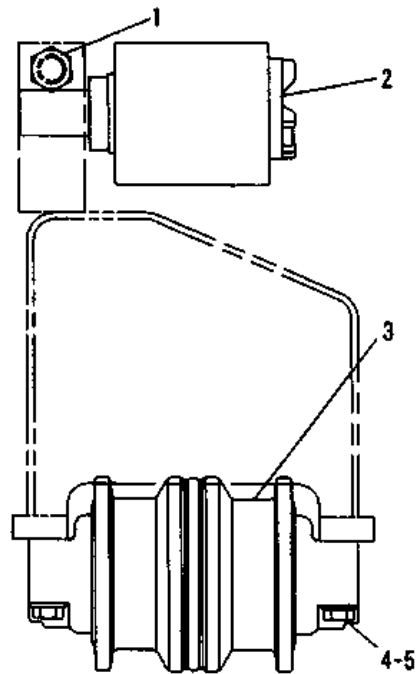


| Ref. | Part number | Description      | Qty | Code | Group page |
|------|-------------|------------------|-----|------|------------|
| 1    | 2S-5926     | VALVE            | 1   |      |            |
| 2    | 095-2927    | VALVE            | 1   |      |            |
| 3    | 108-9122    | PLATE AS         | 1   |      |            |
| 4    | 4B-4158     | SCREW            | 4   |      |            |
| 5    | 5P-9891     | PLATE            | 1   |      |            |
| 6    | 1R-6322     | CYLINDER         | 1   |      |            |
| 7    | 086-0560    | PISTON           | 1   |      |            |
| 8    | 095-7101    | SEAL             | 1   |      |            |
| 9    | 099-0172    | RING             | 2   |      |            |
| 10   | 099-0173    | RING             | 2   |      |            |
| 11   | 095-1607    | SEAL             | 2   |      |            |
| 12   | 8T-4199     | BOLT (12mm LONG) | 2   |      |            |

5Q-3181 ROLLER AR-TRACK & CARRIER

5Q3181 ROLLER AR-TRACK & CARRIER 5Q3173--Page 6, 5Q3177--Page 7 An Attachment

Drawing 1 of 1



| NOTE                        | No. | PART No. | QTY | PART NAME        |
|-----------------------------|-----|----------|-----|------------------|
| Y                           | 1   | 8T-5878  | 2   | BOLT (80mm LONG) |
|                             | 2   | 5Q-3173  | 2   | ROLLER GP        |
| Y                           | 3   | 5Q-3177  | 12  | ROLLER GP        |
|                             | 4   | 7X-2555  | 48  | BOLT (80mm LONG) |
|                             | 5   | 8T-4122  | 48  | WASHER           |
| Y-SEE SEPARATE ILLUSTRATION |     |          |     |                  |
| H40225E                     |     |          |     |                  |

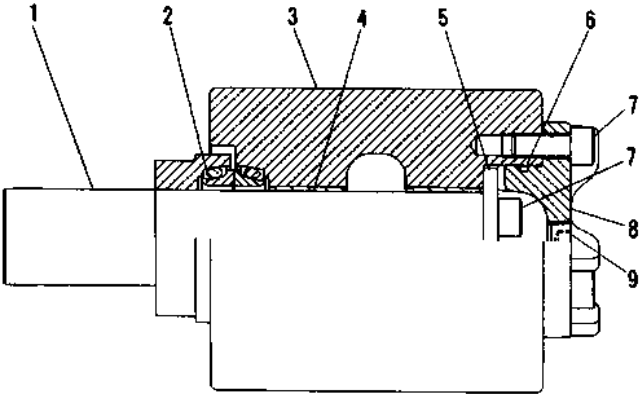
| Ref. | Part number | Description      | Qty | Code | Group page |
|------|-------------|------------------|-----|------|------------|
| 1    | 8T-5878     | BOLT (80mm LONG) | 2   |      |            |
| 2    | 5Q-3173     | ROLLER GP        | 2   | Y    |            |
| 3    | 5Q-3177     | ROLLER GP        | 12  | Y    |            |
| 4    | 7X-2555     | BOLT (80mm LONG) | 48  |      |            |
| 5    | 8T-4122     | WASHER           | 48  |      |            |

CAT codes: Y.

5Q-3173 ROLLER GP-CARRIER

5Q3173 ROLLER GP-CARRIER Part of 5Q3181 Roller Ar listed on Page 6 An Attachment

Drawing 1 of 1



| NOTE | No. | PART No. | QTY | PART NAME        |
|------|-----|----------|-----|------------------|
|      | 1   | 7Y-2159  | 1   | SHAFT AS         |
|      | 2   | 099-0183 | 1   | SEAL GP          |
|      | 3   | 5Q-3174  | 1   | ROLLER AS        |
|      | 4   | 099-0185 | 2   | BEARING          |
|      | 5   | 7Y-2162  | 1   | RETAINER         |
|      | 6   | 6V-7658  | 1   | SEAL             |
|      | 7   | 8T-1159  | 5   | BOLT (25mm LONG) |
|      | 8   | 7Y-2158  | 1   | COVER            |
|      | 9   | 7H-3171  | 1   | PLUG             |

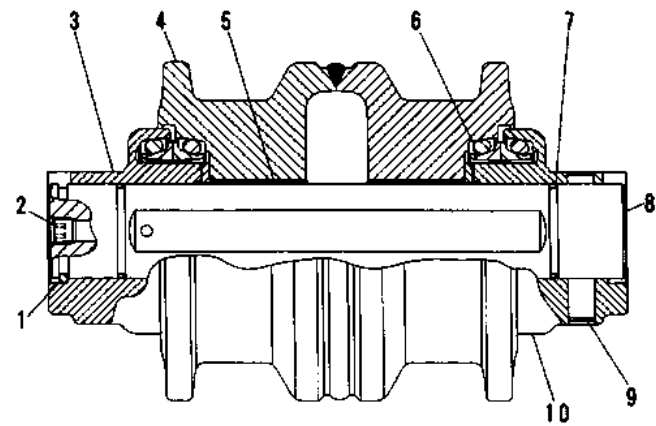
H40226E

| Ref. | Part number | Description      | Qty | Code | Group page |
|------|-------------|------------------|-----|------|------------|
| 1    | 7Y-2159     | SHAFT AS         | 1   |      |            |
| 2    | 099-0183    | SEAL GP          | 1   |      |            |
| 3    | 5Q-3174     | ROLLER AS        | 1   |      |            |
| 4    | 099-0185    | BEARING          | 2   |      |            |
| 5    | 7Y-2162     | RETAINER         | 1   |      |            |
| 6    | 6V-7658     | SEAL             | 1   |      |            |
| 7    | 8T-1159     | BOLT (25mm LONG) | 5   |      |            |
| 8    | 7Y-2158     | COVER            | 1   |      |            |
| 9    | 7H-3171     | PLUG             | 1   |      |            |

5Q-3177 ROLLER GP-TRACK DOUBLE FLANGE

5Q3177 ROLLER GP-TRACK DOUBLE FLANGE Part of 5Q3181 Roller Ar listed on Page 6 An Attachment

Drawing 1 of 1



| NOTE | No. | PART No. | QTY | PART NAME | * |
|------|-----|----------|-----|-----------|---|
|      | 1   | 6I-6454  | 1   | RING      |   |
|      | 2   | 7H-3171  | 1   | PLUG      |   |
|      | 3   | 6I-6570  | 1   | COLLAR    |   |
|      | 4   | 5Q-3178  | 1   | ROLLER AS |   |
|      | 5   | 099-0195 | 2   | BEARING   |   |
|      | 6   | 099-0193 | 2   | SEAL GP   |   |
|      | 7   | 6V-7660  | 2   | SEAL      |   |
|      | 8   | 6I-6455  | 1   | SHAFT     |   |
|      | 9   | 6I-6549  | 1   | DOWEL     |   |
|      | 10  | 4I-7489  | 1   | COLLAR    |   |

H40227E

| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 6I-6454     | RING        | 1   |      |            |
| 2    | 7H-3171     | PLUG        | 1   |      |            |
| 3    | 6I-6570     | COLLAR      | 1   |      |            |
| 4    | 5Q-3178     | ROLLER AS   | 1   |      |            |
| 5    | 099-0195    | BEARING     | 2   |      |            |
| 6    | 099-0193    | SEAL GP     | 2   |      |            |
| 7    | 6V-7660     | SEAL        | 2   |      |            |
| 8    | 6I-6455     | SHAFT       | 1   |      |            |
| 9    | 6I-6549     | DOWEL       | 1   |      |            |
| 10   | 4I-7489     | COLLAR      | 1   |      |            |

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