

# CATERPILLAR 3512

24Z / SEBP1281

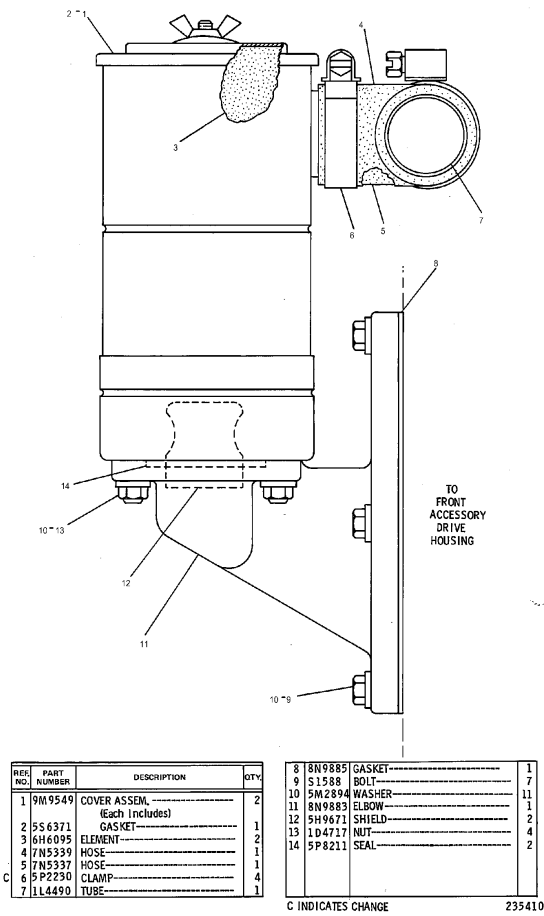
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| Fuel system                        |      |
| Electrical and electronics         |      |
| Basic engine                       |      |
| Basic engine                       |      |
| Electrical and electronics         |      |
| Air inlet and exhaust              |      |
| Frame, guards and enclosure        |      |

8N-9744 BREATHER GP

8N9744 BREATHER GROUP

Drawing 1 of 1



| Ref.            | Part number | Description  | Qty | Code | Group page |
|-----------------|-------------|--------------|-----|------|------------|
| 1               | 9M-9549     | COVER ASSEM. | 2   |      |            |
| (Each Includes) |             |              |     |      |            |
| 2               | 5S-6371     | GASKET       | 1   |      |            |
| 3               | 6H-6095     | ELEMENT      | 2   |      |            |
| 4               | 7N-5339     | HOSE         | 1   |      |            |
| 5               | 7N-5337     | HOSE         | 1   |      |            |
| 6               | 5P-2230     | CLAMP        | 4   | C    |            |
| 7               | 1L-4490     | TUBE         | 1   |      |            |
| 8               | 8N-9885     | GASKET       | 1   |      |            |
| 9               | 0S-1588     | BOLT         | 7   |      |            |
| 10              | 5M-2894     | WASHER       | 11  |      |            |
| 11              | 8N-9883     | ELBOW        | 1   |      |            |

8N-9744 BREATHER GP (continued)

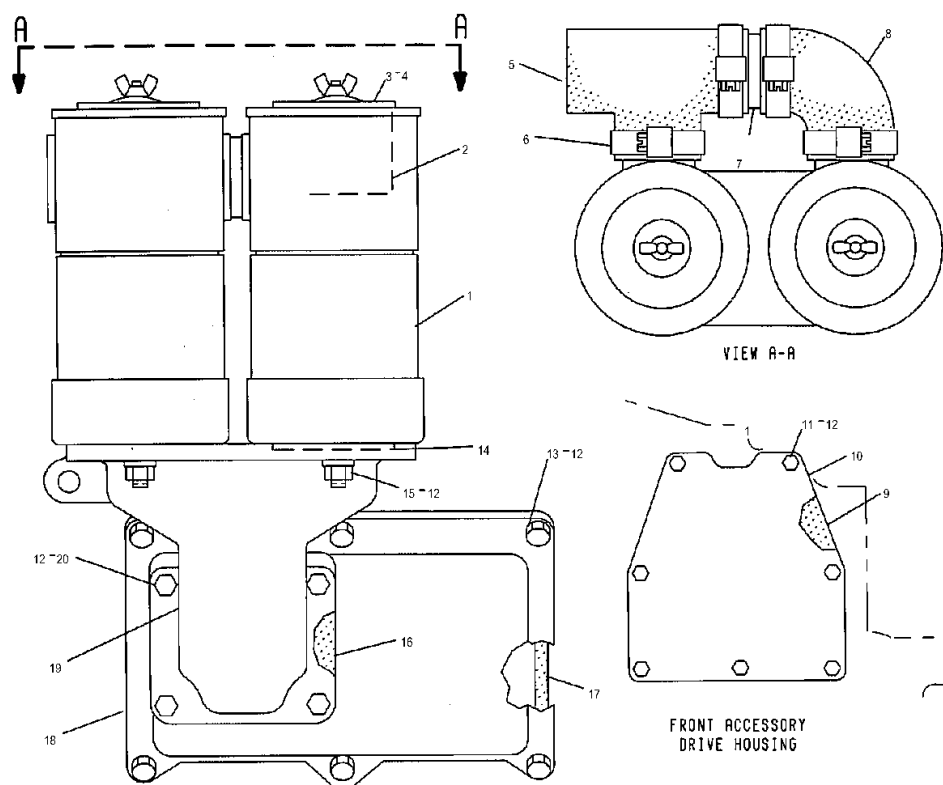
| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 12   | 5H-9671     | SHIELD      | 2   |      |            |
| 13   | 1D-4717     | NUT         | 4   |      |            |
| 14   | 5P-8211     | SEAL        | 2   |      |            |

CAT codes: C.

## 2W-5675 BREATHER GP

2W5675 BREATHER GROUP-SIDE MOUNTED FOR USE WITH 2W5676 FUMES DISPOSAL-PAGE 65A AN ATTACHMENT

Drawing 1 of 1



| REF. NO. | PART NUMBER | DESCRIPTION           | QTY |
|----------|-------------|-----------------------|-----|
| 1        | 8N9743      | BREATHER ASSEM. ----- | 2   |
|          |             | (Each Includes)       |     |
| 2        | 6H6095      | ELEMENT -----         | 1   |
| 3        | 9M9549      | COVER ASSEM. -----    | 1   |
| 4        | 5S6371      | GASKET -----          | 1   |
| 5        | 7N5339      | HOSE -----            | 1   |
| 6        | 5P2230      | CLAMP -----           | 4   |
| 7        | 1L4490      | TUBE -----            | 1   |
| 8        | 7N5337      | HOSE -----            | 1   |
| 9        | 8N9885      | GASKET -----          | 1   |
| 10       | 2W5285      | COVER -----           | 1   |
| 11       | 1A2029      | BOLT -----            | 7   |
| 12       | 5M2894      | WASHER -----          | 21  |
| 13       | S1594       | BOLT -----            | 6   |
| 14       | 5P8211      | SEAL -----            | 2   |
| 15       | 1D4717      | NUT -----             | 4   |
| 16       | 2W752       | GASKET -----          | 1   |
| 17       | 2W2072      | SEAL -----            | 1   |
| 18       | 8N9993      | COVER -----           | 1   |
| 19       | 2W6235      | ELBOW ASSEM. -----    | 1   |
| 20       | S1588       | BOLT -----            | 4   |

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| Ref. | Part number | Description     | Qty | Code | Group page |
|------|-------------|-----------------|-----|------|------------|
| 1    | 8N-9743     | BREATHER ASSEM. | 2   |      |            |
| 2    | 6H-6095     | ELEMENT         | 1   |      |            |
| 3    | 9M-9549     | COVER ASSEM.    | 1   |      |            |
| 4    | 5S-6371     | GASKET          | 1   |      |            |
| 5    | 7N-5339     | HOSE            | 1   |      |            |
| 6    | 5P-2230     | CLAMP           | 4   |      |            |
| 7    | 1L-4490     | TUBE            | 1   |      |            |
| 8    | 7N-5337     | HOSE            | 1   |      |            |
| 9    | 8N-9885     | GASKET          | 1   |      |            |
| 10   | 2W-5285     | COVER           | 1   |      |            |
| 11   | 1A-2029     | BOLT            | 7   |      |            |
| 12   | 5M-2894     | WASHER          | 21  |      |            |
| 13   | 0S-1594     | BOLT            | 6   |      |            |
| 14   | 5P-8211     | SEAL            | 2   |      |            |
| 15   | 1D-4717     | NUT             | 4   |      |            |
| 16   | 2W-0752     | GASKET          | 1   |      |            |

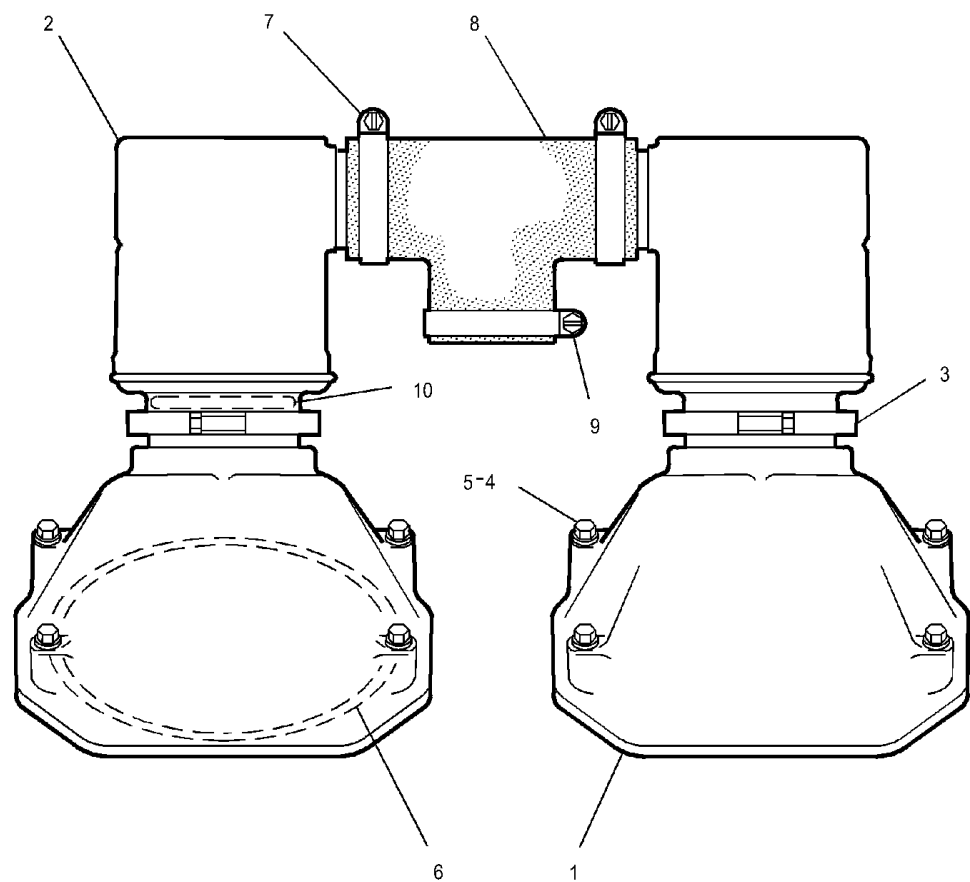
2W-5675 BREATHER GP (continued)

| Ref. | Part number | Description  | Qty | Code | Group page |
|------|-------------|--------------|-----|------|------------|
| 17   | 2W-2072     | SEAL         | 1   |      |            |
| 18   | 8N-9993     | COVER        | 1   |      |            |
| 19   | 2W-6235     | ELBOW ASSEM. | 1   |      |            |
| 20   | 0S-1588     | BOLT         | 4   |      |            |

4W-1449 BREATHER GP

4W1449 BREATHER GROUP

Drawing 1 of 1

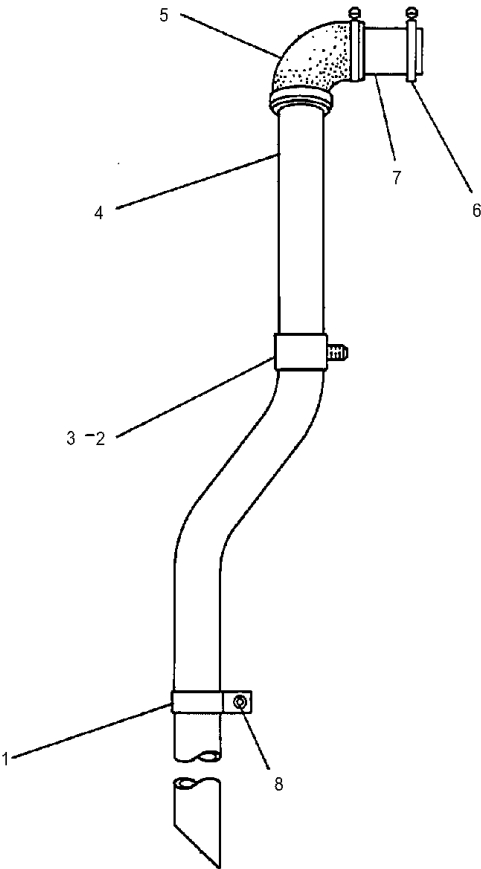


| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 4W-1450     | COVER AS    | 2   |      |            |
| 2    | 4W-3027     | BREATHER AS | 2   |      |            |
| 3    | 4W-3034     | CLAMP       | 2   |      |            |
| 4    | 1A-9579     | BOLT        | 8   |      |            |
| 5    | 9M-1974     | WASHER      | 8   |      |            |
| 6    | 4W-1596     | SEAL-O-RING | 2   |      |            |
| 7    | 5P-0597     | CLAMP       | 2   |      |            |
| 8    | 2W-3753     | HOSE-TEE    | 1   |      |            |
| 9    | 5P-4868     | CLAMP       | 1   |      |            |
| 10   | 033-6031    | SEAL-O-RING | 2   |      |            |

8N-5982 FUMES DISPOSAL GP

8N5982 FUMES DISPOSAL GROUP-R.H. FOR USE WITH L.H.GOVERNOR AN ATTACHMENT

Drawing 1 of 1



| REF. NO. | PART NUMBER | DESCRIPTION                    | QTY. |
|----------|-------------|--------------------------------|------|
| 1        | 5L7756      | CLAMP-----                     | 1    |
|          | 8J1182      | CLAMP-----                     | 1    |
| 2        | S1587       | BOLT-----                      | 1    |
|          | 5P8245      | WASHER-----                    | 1    |
| 3        | 8F492       | SPACER--(Use as required)----- | 1    |
| 4        | 8N5553      | TUBE-----                      | 1    |
| 5        | 7N5337      | HOSE----- (elbow)-----         | 1    |
| 6        | 5P2230      | CLAMP-----                     | 3    |
| 7        | 3H9049      | TUBE-----                      | 1    |
| 8        | 3B1915      | BOLT-----                      | 1    |
|          | 5M2894      | WASHER-----                    | 1    |

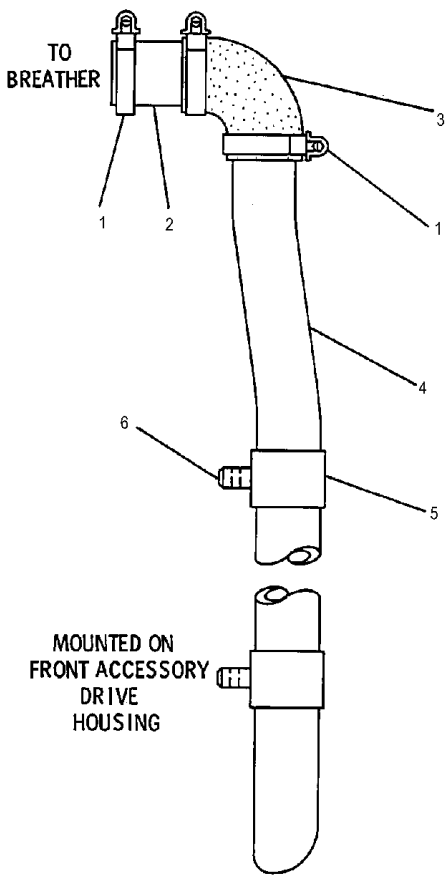
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| Ref. | Part number | Description              | Qty | Code | Group page |
|------|-------------|--------------------------|-----|------|------------|
| 1    | 5L-7756     | CLAMP                    | 1   |      |            |
| 2    | 8J-1182     | CLAMP                    | 1   |      |            |
|      | 0S-1587     | BOLT                     | 1   |      |            |
|      | 5P-8245     | WASHER                   | 1   |      |            |
| 3    | 8F-0492     | SPACER (Use as required) | 1   |      |            |
| 4    | 8N-5553     | TUBE                     | 1   |      |            |
| 5    | 7N-5337     | HOSE (elbow)             | 1   |      |            |
| 6    | 5P-2230     | CLAMP                    | 3   |      |            |
| 7    | 3H-9049     | TUBE                     | 1   |      |            |
| 8    | 3B-1915     | BOLT                     | 1   |      |            |
|      | 5M-2894     | WASHER                   | 1   |      |            |

7N-1873 FUMES DISPOSAL GP

7N1873 FUMES DISPOSAL GROUP

Drawing 1 of 1



| REF. NO. | PART NUMBER | DESCRIPTION | QTY. |
|----------|-------------|-------------|------|
| C 1      | 5 P2230     | CLAMP-----  | 3    |
| 2        | 3 H9049     | TUBE-----   | 1    |
| 3        | 7 N5337     | HOSE-----   | 1    |
| 4        | 8 N5054     | TUBE-----   | 1    |
| 5        | 7 K6699     | CLIP-----   | 2    |
| 6        | 6 H1717     | BOLT-----   | 2    |
|          | 5 P8245     | WASHER----- | 2    |

C INDICATES CHANGE

228894

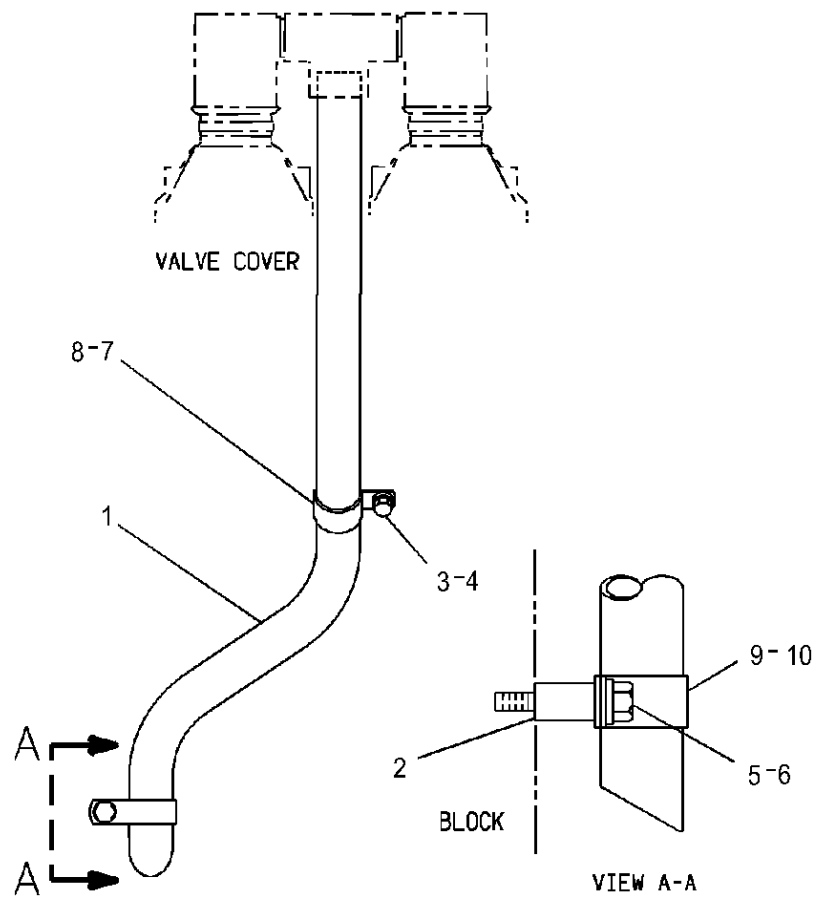
| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 5P-2230     | CLAMP       | 3   | C    |            |
| 2    | 3H-9049     | TUBE        | 1   |      |            |
| 3    | 7N-5337     | HOSE        | 1   |      |            |
| 4    | 8N-5054     | TUBE        | 1   |      |            |
| 5    | 7K-6699     | CLIP        | 2   |      |            |
| 6    | 6H-1717     | BOLT        | 2   |      |            |
|      | 5P-8245     | WASHER      | 2   |      |            |

CAT codes: C.

4W-0472 FUMES DISPOSAL GP

4W0472 FUMES DISPOSAL GROUP

Drawing 1 of 1



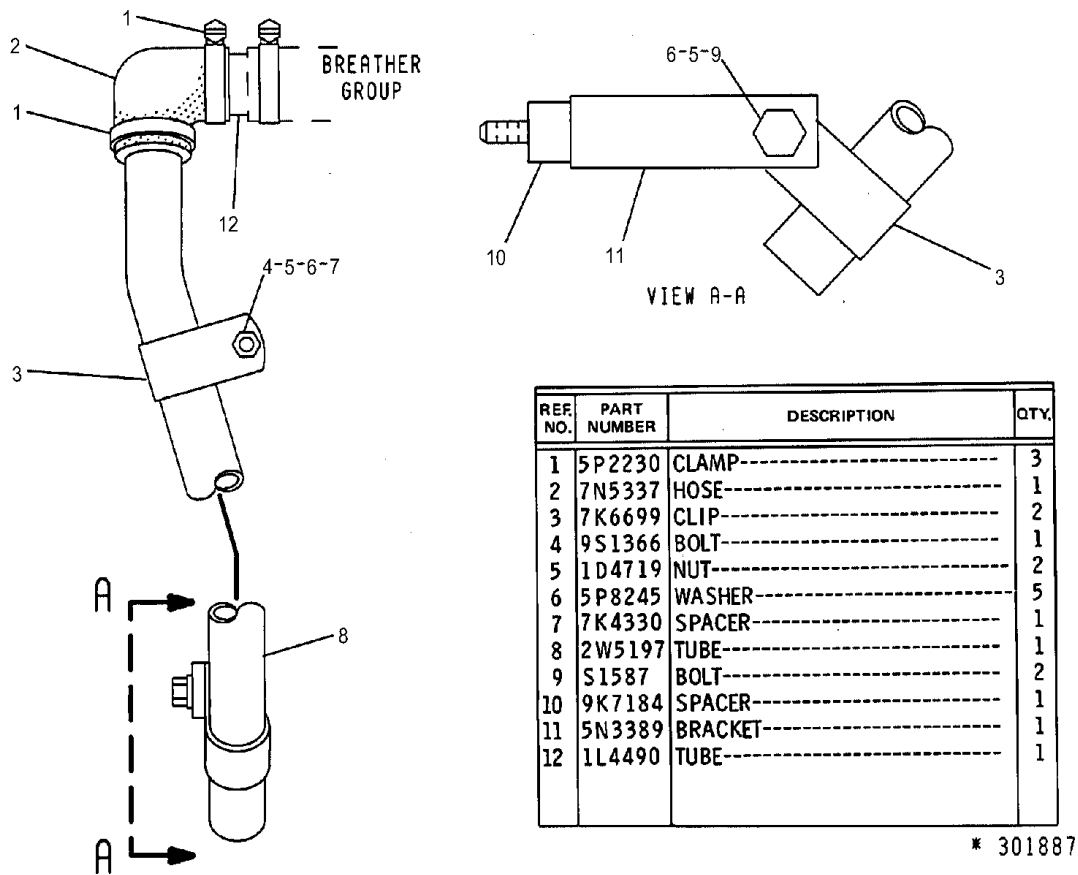
| Ref. | Part number | Description  | Qty | Code | Group page |
|------|-------------|--------------|-----|------|------------|
| 1    | 4W-3717     | TUBE         | 1   |      |            |
| 2    | 4W-3753     | SPACER       | 1   | B    |            |
| 3    | 0S-1594     | BOLT         | 1   |      |            |
| 4    | 5M-2894     | WASHER       | 1   |      |            |
| 5    | 9S-1366     | BOLT         | 1   | B    |            |
| 6    | 5P-8245     | WASHER       | 1   | B    |            |
| 7    | 6V-0267     | CLIP (SHORT) | 1   | C    |            |
| 8    | 6V-0268     | CLIP (LONG)  | 1   | C    |            |
| 9    | 8T-2441     | CLIP (LONG)  | 1   | C    |            |
| 10   | 8T-2442     | CLIP (SHORT) | 1   | C    |            |

CAT codes: B, C.

2W-5676 FUMES DISPOSAL GP

2W5676 FUMES DISPOSAL GROUP FOR USE WITH 2W5675 BREATHER-PAGE 64A AN ATTACHMENT

Drawing 1 of 1



| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 5P-2230     | CLAMP       | 3   |      |            |
| 2    | 7N-5337     | HOSE        | 1   |      |            |
| 3    | 7K-6699     | CLIP        | 2   |      |            |
| 4    | 9S-1366     | BOLT        | 1   |      |            |
| 5    | 1D-4719     | NUT         | 2   |      |            |
| 6    | 5P-8245     | WASHER      | 5   |      |            |
| 7    | 7K-4330     | SPACER      | 1   |      |            |
| 8    | 2W-5197     | TUBE        | 1   |      |            |
| 9    | 0S-1587     | BOLT        | 2   |      |            |
| 10   | 9K-7184     | SPACER      | 1   |      |            |
| 11   | 5N-3389     | BRACKET     | 1   |      |            |
| 12   | 1L-4490     | TUBE        | 1   |      |            |

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