

# PARTS & SERVICE NEWS

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| REF NO. | AA03157A        |
| DATE    | August 06, 2004 |

*This Parts & Service News supersedes the previous issuance, AA03157, dated October 30, 2003. AA03157 should be discarded.*

**SUBJECT:** BLADDER REPAIR KITS FOR HYDRAULIC ACCUMULATORS

**PURPOSE:** To introduce repair kits for bladder accumulators.

**APPLICATION:** Komatsu Electric Drive Dump Trucks:  
 730E: A30219 and Up;  
 830E: A30689 and Up;  
 930E-2: A30294, A30301 thru A30303;  
 930E-3: A30304 and Up;  
**and all units equipped with bladder accumulators**

**FAILURE CODE:** 6031Z9

**DESCRIPTION:** Bladder Repair Kit (AK4787), Bladder Repair Kit (AK5064), and Bladder Repair Kit (AK4789)

Three bladder repair kits have been released for servicing the hydraulic bladder accumulators on the specified trucks. Table 1 lists the truck model, accumulator part numbers, accumulator capacity, and the part number of the applicable repair kit.

Refer to Tables 2 thru 4 for a complete listing of the contents of each kit.

TABLE 1. BLADDER REPAIR KITS

| Truck Model | Accumulator (With Gas Manifold) | Accumulator (Without Gas Manifold) | Bladder Capacity | Bladder Repair Kit |
|-------------|---------------------------------|------------------------------------|------------------|--------------------|
| 730E        | PC1811                          | XA2702                             | 12.5 gallon      | AK5064             |
| 830E        | PC1811                          | XA2702                             | 12.5 gallon      | AK5064             |
| 930E        | PC1116                          |                                    | 10 gallon        | AK4787             |
|             | PC1339                          | PC1121                             | 16.5 gallon      | AK4789             |

| <b>TABLE 2. BLADDER REPAIR KIT (AK4787)</b> |   |                 |
|---|---|-----------------|
| <b>Part Number</b>                          | <b>Part Description</b>                     | <b>Quantity</b> |
| XA1931                                      | Assembly, Gas Valve                         | 1               |
| XA0071                                      | O-Ring                                      | 1               |
| XA0072                                      | Ring, Back-Up                               | 1               |
| XA1981                                      | Seal, Dyna                                  | 1               |
| XA1961                                      | Assembly, Bladder (not serviced separately) | 1               |
| XA0070                                      | Washer, Back-Up                             | 1               |

| <b>TABLE 3. BLADDER REPAIR KIT (AK5064)</b> |   |                 |
|---|---|-----------------|
| <b>Part Number</b>                          | <b>Part Description</b>                     | <b>Quantity</b> |
| XA2703                                      | Assembly, Bladder (not serviced separately) | 1               |
| XA0070                                      | Washer, Back-Up                             | 1               |
| XA0071                                      | O-Ring                                      | 1               |
| XA0072                                      | Ring, Back-Up                               | 1               |

| <b>TABLE 4. BLADDER REPAIR KIT (AK4789)</b> |   |                 |
|---|---|-----------------|
| <b>Part Number</b>                          | <b>Part Description</b>                     | <b>Quantity</b> |
| XA1959                                      | Assembly, Bladder (not serviced separately) | 1               |
| XA0070                                      | Washer, Back-Up                             | 1               |
| XA0071                                      | O-Ring                                      | 1               |
| XA0072                                      | Ring, Back-Up                               | 1               |