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Parts List Sheet: 117906

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TECHNICAL SERVICE PARTS

STYLE 3463,3563

PRODUCT FIREFOX

VIEW SHOWN FOR POSITION CLARITY

ASSEMBLY NOTES:

- Use Parker O-Lube on all O-rings and mating surfaces unless otherwise noted.
- Use PermaBond LM113 or Loctite 222.
- Use Loctite 290.
- Use Low-Temp Lubriplate.
- Use Sikaflex-1A sealant.
- Dimple at assembly.
- Use only on U1 versions (34632XXX denotes U2 versions).
- Use PermaBond LH050 or Loctite 592.
- Use timing dimple on both joints.
- Align ball in hole. Tighten plug until it touches ball. Then back out plug 1/4-1/2 turn.
- This item not used on version with dry chemical nozzle. See Dry Chemical Assembly Drawing (D-41621) for installation/assembly details.
- Cut wires at connector and seal with Sikaflex-1A sealant. Drill 3/16 hole thru center of plug and attach. Connect nozzle harness for shipment.
- Use Agro "Tuf-Glide thread sealant with PTFE."

ELEVATION STOP (ITEM 43) LOCATIONS

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<tr>
<th>ANGLE OF ROTATION</th>
<th>STOP LOCATIONS</th>
<th>SENSOR LOCATION</th>
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<td>+90°, -45°</td>
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<td>+45°, -20°</td>
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All other locations (item 44)

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TECHNICAL SERVICE PARTS
STYLE 3463,3563
PRODUCT FIREFOX

ASSEMBLY NOTES:
USE PARKER O-LUBE ON ALL O-RINGS AND MATING SURFACES UNLESS OTHERWISE NOTED
USE PERMABOND LM113 OR LOCTITE 222
USE LOCTITE 290
USE LOW-TEMP LUBRIPLATE
USE SIKAFLLEX-1A SEALANT
Dimple at assembly
Generic depiction. See Bill of materials
Use only on U1 versions (34632XXX denotes U2 versions)
Use Permabond LH050 or Loctite 592
Align timing dimple on both joints
Align ball in hole. Tighten plug until it touches ball. Then back out plug 1/4-1/2 turn.
This item not used on version with dry chemical nozzle. See dry chemical assembly drawing (D-41621) for installation/assembly details.
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Use Agro "Tuf-Glide thread sealant with PTFE".

MOTOR/GEARBOX ASSEMBLY
FOR BOTH ELEVATION AND ROTATION JOINTS

NOTE BELLEVILLE WASHER INSTALLATION DIRECTION

DEUTSCH CONNECTOR
ITT CONNECTOR

STANDARD SPEED GEAR

HIGH SPEED GEARS

ASSEMBLY NOTES:
Use Parker O-Lube on all O-rings and mating surfaces unless otherwise noted.
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ITT CONNECTOR

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### TECHNICAL SERVICE PARTS

**STYLE 3463,3563**

**PRODUCT FIREFOX**

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</table>

#### Notes
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