POLLAX FUEL SELECTOR VALVE INSTALLATION SHEET
FOR TWO TANK HOOK-UP
Rev. B
DISCONTINUED FOR PRODUCT LINE: 21-99

NOTES:
1. ALL WIRING TO BE 18 GA. OR HEAVIER.
2. REQUIRED FUEL LINE I.D. OF 3/8".

FUEL SYSTEM

<table>
<thead>
<tr>
<th>VALVE P/N</th>
<th>FUEL SUPPLY</th>
<th>FUEL RETURN</th>
<th>PRESSURE MAX (PSI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>42-145</td>
<td>3/8&quot;</td>
<td>5/16&quot;</td>
<td>60</td>
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<tr>
<td>42-145S</td>
<td>3/8&quot;</td>
<td>5/16&quot;</td>
<td>60</td>
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<tr>
<td>42-151</td>
<td>3/8&quot;</td>
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<td>60</td>
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<tr>
<td>42-153</td>
<td>3/8&quot;</td>
<td>1/4&quot;</td>
<td>60</td>
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<tr>
<td>42-155</td>
<td>3/8&quot;</td>
<td>5/16&quot;</td>
<td>65</td>
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<td>42-155S</td>
<td>3/8&quot;</td>
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</tbody>
</table>

CAUTION
ATTENTION INSTALLER
- FUEL SYSTEM PRESSURE MUST EXCEED SPECIFIED VALVE PRESSURE.
- USE ONE MAIN AND ONE AUXILIARY FUEL TANK.
- VEHICLES WITH FUEL RETURN LINES (EXCEPT 42-151 VALVE).
- 12 VDC ELECTRICAL SYSTEMS (MIN. OPEN CIRCUIT VOLTAGE AT VALVE CONNECTOR: 11 VDC).
- VEHICLES WITH IN-TANK FUEL PUMPS OR VEHICLES WITH A SINGLE FUEL PUMP BETWEEN THE VALVE AND ENGINE.
- AMBIENT TEMPERATURES BETWEEN -40°F AND +180°F.
- GASOLINE AND DIESEL FUEL SYSTEMS ONLY.
- NOT FOR USE IN SYSTEMS OPERATING OR HAVING THE POTENTIAL TO DEVELOP OVER SPECIFIED MAX.
- VALVE PRESSURE (SEE NOTE 2 ABOVE).
- DO NOT ALLOW VALVE TO REMAIN DRY (NO FUEL) FOR EXTENDED TIMES PERIOD.

GENERAL INFORMATION
- THE POLLAX 42-155 VALVE IS INTENDED FOR USE ONLY IN FUEL SYSTEMS OPERATING BELOW SPECIFIED MAX. VALVE PRESSURE (SEE NOTE 2 ABOVE) AND WITH:
  - VEHICLES WITH ONE MAIN AND ONE AUXILIARY FUEL TANK.
  - VEHICLES WITH FUEL RETURN LINES (EXCEPT 42-151 VALVE).
  - 12 VDC ELECTRICAL SYSTEMS (MIN. OPEN CIRCUIT VOLTAGE AT VALVE CONNECTOR: 11 VDC).
  - VEHICLES WITH IN-TANK FUEL PUMPS OR VEHICLES WITH A SINGLE FUEL PUMP BETWEEN THE VALVE AND ENGINE.
  - AMBIENT TEMPERATURES BETWEEN -40°F AND +180°F.
  - GASOLINE AND DIESEL FUEL SYSTEMS ONLY.
  - NOT FOR USE IN SYSTEMS OPERATING OR HAVING THE POTENTIAL TO DEVELOP OVER SPECIFIED MAX.
  - VALVE PRESSURE (SEE NOTE 2 ABOVE).
  - DO NOT ALLOW VALVE TO REMAIN DRY (NO FUEL) FOR EXTENDED TIMES PERIOD.

INSTALLATION INSTRUCTIONS
- DOUBLE CHECK THE SYSTEM TO BE SURE ALL THE ELECTRICAL AND FUEL CONNECTIONS HAVE BEEN INSTALLED CORRECTLY. THEN PRESS A SMALL QUANTITY OF FUEL BACK INTO THE FUEL TANKS TO CHECK THE SYSTEM FOR LEAKS. AFTER IT HAS BEEN DETERMINED THERE ARE NO FUEL LEAKS, START THE VEHICLE ENGINE AND SWITCH THE TANKS TO DETERMINE IF THE VALVE IS FUNCTIONING PROPERLY. CHECK THE GAS GAUGE WHEN TRANSFERRING BETWEEN TANKS FOR PROPER FUEL LEVEL INDICATION. AFTER IT HAS BEEN DETERMINED EVERYTHING HAS BEEN INSTALLED PROPERLY REFILL THE FUEL TANKS.

111. VALVE OPERATION

IV. FOR THREE TANK HOOK-UP, SEE INSTRUCTION SHEET BACK SIDE.

JOSEPH POLLAK CORPORATION 135 Freeport Street, Boston, MA 02122 (617) 282-9550 FAX 617 282-8726
POLLAK FUEL SELECTOR VALVE INSTALLATION SHEET (SCHEMATIC) FOR THREE TANK HOOK UP
(APPLICABLE FOR 42-149, 42-1495, 42-151, 42-153, 42-159, AND 42-1595 VALVES)

MAIN VALVE  * DISCONTINUED FROM PRODUCT LINE 12-1-93  AUX. VALVE

FROM ENGINE

TO ENGINE

AUX. NO. 1 FUEL TANK

AUX. NO. 2 FUEL TANK

SELECTOR VALVE

SELECTOR VALVE

MAIN TANK

TO AUX. NO. 2 TANK SENDING UNIT

TO AUX. NO. 1 TANK SENDING UNIT

CURRENT DIRECTION FOR AUX. NO. 2 POS.

CURRENT DIRECTION FOR AUX. NO. 1 POS.

TO FUEL GAUGE

+12

TO MAIN TANK SENDING UNIT

TO FUEL GAUGE

MAIN PUMP

AUX. NO. 1 PUMP

AUX. NO. 2 PUMP

GND.

GND.

GND.

GND.

D.P.D.T.
2 POSITION BOTH-ON SWITCHES

CAUTION:
CAREFULLY READ TWO TANK HOOK-UP FOR ACTUAL INSTALLATION CRITERIA BEFORE INSTALLING.