

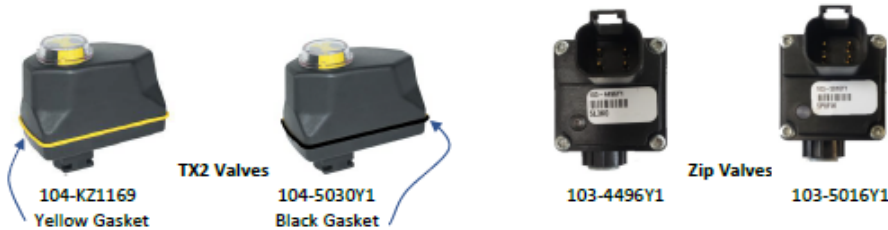
Overview: This document explains what versions of KZ valves are compatible with certain Sentinel Harnesses

Links to Supporting Info:

Solution:

Sentinel Harness – KZ Valve Compatibility Document

SureFire Ag Systems recently changed to a newer style KZ TX2 section valve as well as a new electronic zip valve. The newer style KZ TX2 valve can be identified with a **black gasket** (pictured below 104-5030Y1). The older style has a **yellow gasket** (pictured below 104-KZ1169). The zip valves will need to be identified by their part number. There are scenarios where one may not work over the other in an existing system depending on system harnessing. The following document will explain when to use one over the other.



Any *Gen2 LiquiShift valve stack* (4 section valve stack pictured to the left) that requires a KZ TX2 valve replacement must use a **yellow gasket** valve replacement

SureFire Part #:

104-KZ1169 – KZ Electric TX2 Series Actuator Only – WP Shroud

103-2501Y1 – KZ Electric TX2 Series 1 ball valve assembly – WP Shroud



Moving forward any *Gen3 LiquiShift system* with zip valves mounted at the row will use 103-5016Y1 as a replacement. The 103-4496Y1 sold on earlier systems is no longer offered. If the system came with 103-4496Y1 valves, those valves can be replaced by 103-4496Y1 if available or by the 103-5016Y1.

103-5016Y1 will work with any harnessing provided by SureFire.

103-5016Y1



104-KZ1169



104-5030Y1

For any systems using KZ TX2 valves for standard boom sections or for Gen3 LiquiShift A/B valves AND are not controlled by or integrated into a SureFire Sentinel ECU, you can utilize either the yellow gasket or black gasket actuators for replacement.

If any of your system harnessing integrates into our Sentinel ECU pictured below, find the harness part number (circled in red) and use the chart to figure out which KZ TX2 valve or zip valve will work with your system harnessing.



				
Sentinel ECU Adapters	104-KZ1169	104-5030Y1	103-4496Y1	103-5016Y1
208-06-3536Y2		X		
208-06-3536Y3	X	X		
208-06-4099Y3		X		
208-06-4099Y4	X	X		
208-06-4474Y1		X		
208-06-4701Y1	X	X	X	X
208-06-4701Y2	X	X	X	X
208-06-4701Y3	X	X	X	X
208-06-4984Y1	X	X		
208-06-4984Y2		X		
208-06-4985Y1		X		X
208-06-5021Y1		X		
208-06-5022Y1		X		
208-06-5023Y1		X		X

When replacing a harness, replace it with the same 4-digit part number (use latest Y version-highlighted).
 If you need to replace a 50XX harness and one is not available, the following substitutions may be made:
 208-06-5021Y1 can be replaced by 208-06-3536Y3 208-06-5022Y1 can be replaced by 208-06-4099Y4
 208-06-5023Y1 can be replaced by 208-06-4701Y2