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Infrared Ball Detect (IRBD)

Infrared Ball Detect Theory

The infrared ball detect is designed to replace the existing Brunswick ball detect for your 79 scanner. By using an infrared beam that transmitted across to a reflector and then reflected back to photo transistor is how the ball is detected.

Installation Instructions

Remember to remove power before performing any installation!!

Start by removing the old ball detect and all of its wired connections. Mount the new ball detect on the existing metal plate and utilize the mounting screws to secure it. Plug the white 4 pin Molex connector into the DA board and the 2 pin white Molex connector to power. Finally, power up the optic and align buy using the LED's on top of the PC board. If the LED's are lit the optic is aligned properly. Note: On some older DA boards the green pin is not soldered to ground on the board. This pin must be hooked to ground for the IRBD to work.

Wire Diagram For Four Pin Molex Connector

White wire = Right output
Green wire = Ground
Red wire = 5 VDC supply
Black wire = Left output

For repair visit: www.bowl-tronics.com/service

Fill out our service request form and ship to the address that is shown.

Notes:
