



**SERVICE BULLETIN #7 JAN 2019**

**TAG, Ball seems to keep playing after initially lodging in the right side captive rail (up the T2 ramp)**

**Application: All machines.**

**(1) Identify the IR transmitter and IR receiver boards mounted on the right rail near the ‘up post’.**



**(2) You can see in the picture above the IR beam is not aligned, the TX and RX boards are not pointing at each other.**

**(3) This can cause the machine to ‘think’ there is a ball sitting in the captive position and so it will eject and auto-launch a new ball whenever a ball drains. This process will repeat and it will**

**appear as if the ball can be kept in play 'forever'. This is a fault situation and is not normal.**

**(4) Bend the mounting metal tabs on both the TX and RX so that they face each other more accurately. They DO NOT need to align perfectly as the parts used have a beam spread of 30°.**

**Take care when bending the metal tabs as they are spot welded to the metal rails and these welds can break if too much force is used to bend the tabs. Also note the outside tab will probably be resting on the RHS metal playfield rail so a compromise might have to be made for its final positioning.**

**Bend only as much as is needed to correct the auto ball launching sequence.**

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