Tekmar Spot Gun Troubleshooting and Care

Fix spitting, leaks, rings and overheating on Target TG guns, Exhaustex stations and TB-591 adhesive guns.

Problem, cause, fix (Tekmar manuals)

Problem	Fix
Spits / uneven spray	Clean the TG1 nozzle: unscrew head (keep both washers), tap on a hard surface or push a copper strand through. Never a pin or needle.
Nozzle leaks	Brass one-way washer: small shoulder faces forward. Tighten head against the collar.
No spray	Fill bottle about 4/5 full; squeeze trigger until fluid sprays (prime).
Wrong output (PRO guns)	Rear knob counter-clockwise to the stop, then clockwise 2 1/2 turns.
Gun hot	PRO guns are intermittent: 15 s on / 15 s off.
Ring around spot	Wide spray around the wet edge to feather; dry fast (exhauster, TurboAir, air dryer). Never the dryer.
TG350 air dryer damaged	Pre-2021: keep air at or below 80 psi with a regulator.
Will not run	Check the cord (never repair a damaged cord yourself); replace switch, coil or armature; or RMA to Tekmar.

Never

1	Never spray flammable liquids (including Formula TS-Special) through a Tekmar gun or Exhaustex station.
2	Never use water or water-based cleaners in a TG gun (voids the warranty).
3	Never aim the gun at skin or eyes: high-pressure airless jet, puncture wound risk.
4	Never plug a gun into an outlet that does not match its voltage.

Care

TG200 MK II	A few drops of sewing machine or 3-in-1 oil in the oil port, weekly.
PRO guns	Empty the bottle for overnight or longer storage.
TG100 / 125 / 150	To store: drain, then run a few seconds of light machine oil.
Exhaustex 1500	De-lint the blower every 6-12 months; fuse 5 x 20 mm 6.3 A 230 V.
Exhaustex 2000	Charcoal: change after about 10-15 gal of fluid or at first solvent smell; fuse 5 x 20 mm 6 A slow blow.
TB-591 glue leak at needle	Tighten packing screw 591-41 in 1/8 turns; still leaking: replace packing 591-40.

Warranty

Tekmar	Lifetime limited: parts 1 year (12 months), labor for the working life. RMA first: 805-965-0704, service@tekmarltd.com. Dropped guns and water-based chemicals not covered (PRO sheets).

Sources: Tekmar parts lists, manuals and SDS sheets (tekmarltd.com, read 11-2026); hosted at buckets-accounting.vercel.app/boi/docs/makers/tekmar. Tekmar's current documents govern.