

WELDMATIC, INC.

WD12

The WD12 comes with a pre set tension on the (7-13) Brake Band. This tension may need to be adjusted depending on the size and brand of wire you are using for proper dispensing.

Problem	Cause
Wire Shingling on spool	Brake Band is loose This is fixed by tightening the 7-9 Finger Nut. DO NOT over tighten as this will cause burn back.
Burn Back at the tip or Hard to Pull wire from Dispenser	Brake Band is too tight This is fixed by loosening the 7-9 Finger Nut. DO NOT loosen too much as this will cause Wire Shingling.
	7-15 has a groove Improper installation or years of service can cause groove to be worn into the Premium Plastic Conduit. You can simply rotate the 7-15 or purchase a NEW 7-15.
	7-16 is installed improperly The 7-16 needs to be installed with a 35° pick up angle. Improper angle setting will cause friction on the wire as it is paid off the spool.
Brake Band is out of adjustment	Brake Band has been stretched as far as it can go This is fixed by purchasing a NEW 7-13 Brake Band. The brake band will provide years of service but it does wear out after time.

Maintenance

The WD12 requires very little maintenance, but from time to time you need to perform a few things to extend the life of your dispenser.

#7-15 This part can get a wear groove from extended use and should be rotated from time to time or replaced.

#7-13 This is an elastic part that will lose tension after extended use and should be tightened from time to time to ensure proper tension on the welding wire.
Different diameters and wire manufacturers will require a slightly different tension to achieve the best performance. Slight adjustments will ensure your WD12 works properly.

Conduit

We recommend you use or PC7 Premium Plastic Conduit while using this dispenser.
If you don't need the PC7 quality try our great value PC4-HP Conduit.

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www.weldmatic.com