

Star 8340/8345 Troubleshooting Checklist

Attention: Warranty will be denied or a labor charge applied if these checks are not performed prior to returning printers under warranty.

Note: We strongly recommend powering down pumps or consoles when installing peripheral equipment such as printers and card readers (unless directed otherwise by O.E.M. procedures or documentation).

The Star 8340/8345 series of receipt printers are utilized in a number of POS systems tailored to the petroleum dispensing industry. Some will have Star 8340 model numbers marked on the front of the unit, and others will have various ESCO markings. The ESCO model numbering system typically will indicate the application of the printer after the 'D' (example: ESCO DW 8340 is a Wayne 2400 model). The following list reflects what we found to be the most common dipswitch settings for various OEM consoles, a brief description of the interface and a listing of firmware versions (read at the very end of the self test). To perform a self test, load paper and ribbon spools into the printer, then turn it off and hold down the 'feed' button while you turn it back on. The dipswitch banks are located under a small plastic plate on the lower left hand side of the printer - it pops right off. After setting the dipswitches, be sure to turn the printer off and then back on again.

<u>CONSOLE TYPE</u>	<u>DIP SWITCH SETTINGS</u>	<u>INTERFACE</u>	<u>FIRMWARE</u>
Bennett	OCCCCOOC CCCO	RJ-45 8 pin phone	V 2.1
Gilbarco 8340 (1000 System)	COOCCOOC CCCO	RJ-45 8 pin phone	V 2.2, V 2.3
Gilbarco 8345 (1000 System)	COOCCOOC CCCO	RJ-45 8 pin phone	V 2.2, V 2.3
Gilbarco (with clock for T11, T12, T12A, T12B)	CCCCCCCC CCCC CC	DB15 male	V 2.3
Gilbarco (with clock for T12C, T12G)	CCCCCCCC CCCC OC	DB15 male	V 2.3
Tokheim 179	CCCCCCCC CCCC	8 pin circular jack with pins in 1,3,5 & 6	ESCO, V 2.3
Tokheim Vision 100 (8345)	CCCCCCOC CCCC	DB-25 male	ESCO2 V 1.3
Universel Epsco	OOOOOOOO OOOO	(2) RJ-11, 4 pin phone	V 2.50
Wayne 2400 (4 pin)	OCCCCOOO CCCO	4 pin circular receptacle with 4 sockets installed	V 2.1