

TS1 Endpoint Transmitter Data Sheet

There are three types of standard TS1 (Turtle®) endpoint transmitters. They are the 0333-AAD, 0333-AAF, and 0333-AAJ. The 0333-AAD fits ABB, GE, Siemens/Landis+Gyr, Westinghouse, and EMAIL (International) meters. The 0333-AAF fits J5S SchlumbergerSema meters and the 0333-AAJ fits Sangamo K2S meters. See Table 1 for details on the components needed to install standard TS1 endpoint transmitters into specific meter applications.

TS1 Endpoint Transmitter Final Installation Checklist

After completing an installation, refer back to Figure 1 and check your installation against the Endpoint Final Installation Checklist (Figure 1). Although your installation may not match Figure 1 exactly, the checks listed apply to all electromechanical meters and will ensure a consistent, high quality installation. See Chapters 5 and 6 of the *Turtle System Hardware Manual (PUBS-0482-0105)* for detailed installation procedures for individual meters.

Figure 1.
TS1 Endpoint Transmitter
Final Installation Checklist

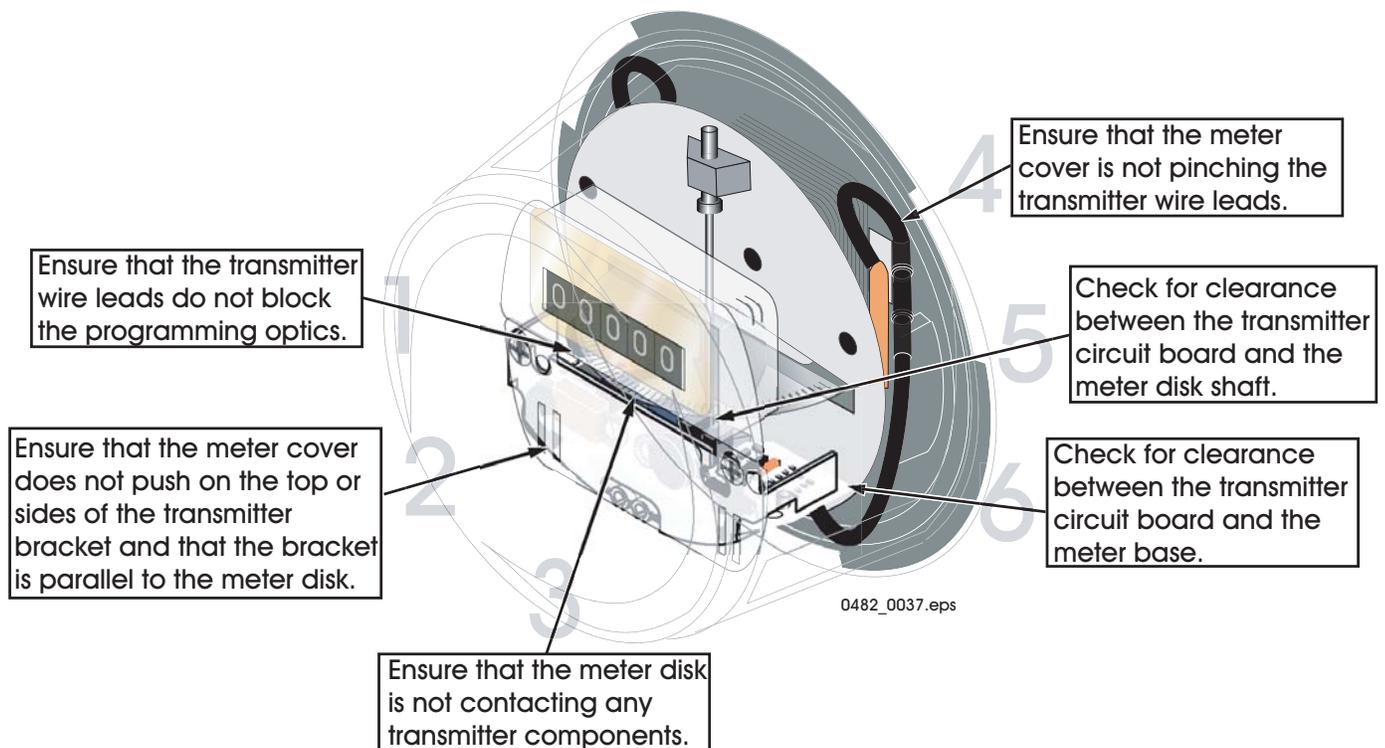


ABB- The 0333-ABB endpoint is installed exclusively at the factory and uses a special mounting bracket. A 0333-ABB endpoint can be replaced with a 0333-AAD endpoint, but the upper spacer cutouts from the bracket and HRDW-00130 screws must be used (same hardware as the ABB model AB1R meter installation). If a 0333-ABB endpoint is replaced with another 0333-ABB endpoint, no spacers are required. For information on direct-register-read and pulse-counting endpoints, see their attendant ship sheet documents:

Figure 2.
Cutout spacers for
ABB, Landis+Gyr
MSII, and
Westinghouse

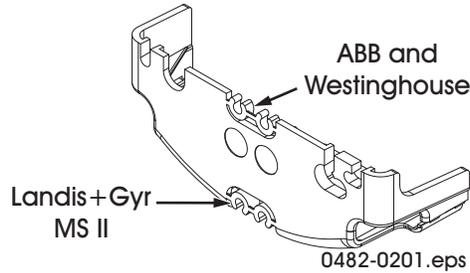


Table 1-1. TS1 Endpoint Transmitter Usage

Turtle Transmitter	Meter	Model	Lead Assemblies (Quantity)	Stainless Steel Screws (Quantity)	Paint Mask	Spacers, Sleeves, and Adapters (Quantity)
0333-AAD Revision L or Later	ABB	AB1	Barrel/Alligator Lead 0333-039 (2) or Barrel/Spring Clip Lead 0333-025 (2)	Factory Screws or 6-40 x 3/4 (2) HRDW-00130	0333-114	Upper Cutouts on Bracket (Short Spacers)
		D5S				
		AB1R (Turtle Ready)	Barrel Leads	6-40 x 3/4 (2) HRDW-00130	None	
	GE	I-70-S	Barrel/Alligator Lead 0333-039 (2) or Barrel/Spring Clip Lead 0333-025 (2)	4-48 x 3/8 (2) 0333-128	0333-116	None
		I-70-S (Turtle Ready)				
	Siemens/ Landis+Gyr	MS II	Barrel/Alligator Lead 0333-039 (2) or Barrel/Spring Clip Lead 0333-025 (2)	6-32 x 5/8 (2) HRDW-00131	0333-115	Lower Cutouts on Bracket (Long Spacers)
		MX				
		MX (Turtle Ready)	Barrel/Spade Lead 0333-040 (2)	6-32 x 3/8 (2) HRDW-0000-0136 (If installed brass standoffs are under 1 inch replace with (2) M68820-8)	None	M68820-8 (2) L&G Standoffs
	Westinghouse	D4S	Barrel/Alligator Lead 0333-039 (2) or Barrel/Spring Clip Lead 0333-025 (2)	Factory Screws or 6-40 x 3/4 (2) HRDW-00130	0333-114	Upper Cutouts on Bracket (Short Spacers)
		D5S				
0333-AAJ (Revision L or Later)	Sangamo	K2S	Barrel/Alligator Lead 0333-039 (2)	4-40 x 1/2 (2) 0333-173	0333-116	Spacers (2) .25OD x .14ID x 1/4H 0333-127
0333-AAF (Revision K or Later)	SchlumbergerSema Sangamo	J5S	Barrel/Fuse Clip Lead 0333-026 (2)	5-40 x 1/2 (1) 0333-133	0333-117	None
		J5S (Turtle Ready)	Barrel Leads			

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