

**Description**

The purpose of the Coiled Tubing Time Delay Transfer System is to allow the energy from a perforating gun to ignite a Time Delay System below the gun. The system is specifically designed to be used in coiled tubing applications to enable the operator to perforate several zones during a single run by moving the gun string to the next interval during the time delay burn sequence. The perforating guns can be initiated from the top or bottom of the gun. Once initiated, all the guns will fire in sequential order. For this reason it is very important that gun measurements and perforating intervals are carefully recorded and planned prior to firing.

If a longer time period is required between firing sequences, this can be accomplished with the use of the Extended Time Delay Hardware that is compatible with this system.

Protected under U.S. Patent Number 8,079,296

**Features and Benefits**

- Initiates Time Delay burn using the output energy from the bottom of a perforating gun.
- Allows the perforating of multiple Intervals during a single coiled tubing or wire line run in the well.
- Can be used with multiple Time Delay Systems or gun sizes.
- Only one firing head is required on top or on bottom of the gun string.

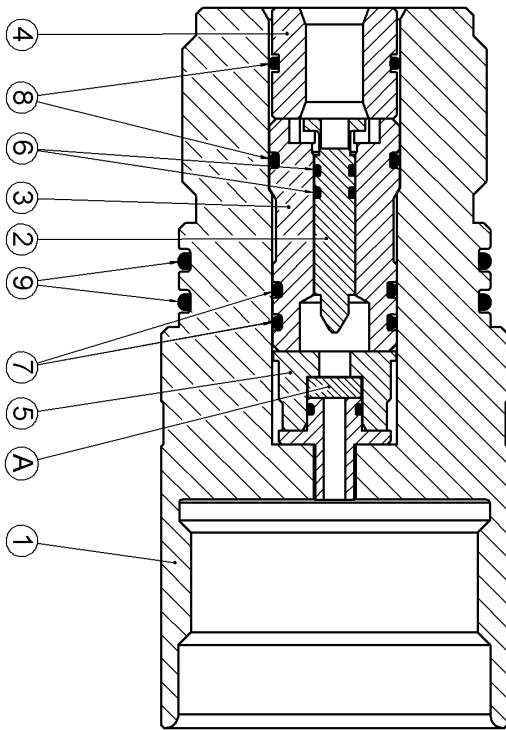
**Specifications**

O.D.	2-3/4"	69.9 MM
	2-7/8"	73.0 MM
Make-up Length	4.13"	104.8 mm
Max. Temperature	250°F (121°C)	
Max. Pressure	10,000 psi	68.9 Mpa

O.D.	3-1/8"	79.3MM
	3-3/8"	85.6 MM
Make-up Length	3.62"	91.9 mm
Max. Temperature	250°F (121° C)	
Max. Pressure	10,000 psi	68.9 Mpa

The maximum temperature can be increased to 450°, (230°C) by substituting the 90 durometer Nitrile O-Rings with 90 durometer Viton O-Rings. Refer to the Time vs. Temperature chart for Explosives to confirm any explosives requirements.

**Note:** The maximum pressure rating is established as a safety feature in the event of a seal failure.



ITEM	PART NUMBER	QTY	DESCRIPTION
	TC-044-2750-000	A/R	ASSEMBLY, 2-3/4 TAG CT TRANSFER
	TC-044-2875-000	A/R	ASSEMBLY, 2-7/8 TAG CT TRANSFER
	TC-044-3125-000	A/R	ASSEMBLY, 3-1/8 TAG CT TRANSFER
	TC-044-3375-000	A/R	ASSEMBLY, 3-3/8 TAG CT TRANSFER
1	TC-044-0001-275	A/R	BODY, 2-3/4 TAG, CT TRANSFER
	TC-044-0001-287	A/R	BODY, 2-7/8 TAG, CT TRANSFER
	TC-044-0001-313	A/R	BODY, 3-1/8 TAG, CT TRANSFER
	TC-044-0001-338	A/R	BODY, 3-3/8 TAG, CT TRANSFER
2**	TC-044-0003-000	1	FIRING PIN
3**	TC-044-0004-000	1	HOUSING, FIRING PIN
4**	TC-044-0005-000	1	ALIGNMENT INSERT
5	TC-043-0003-000	1	IGNITER SUPPORT ( Comes w/TD Hardware)
6**	OOO-N569-010	2	O-RING, N-90
7**	OOO-N569-119	2	O-RING, N-90
8**	OOO-N569-120	2	O-RING, N-90
9	OOO-N569-XXX	2	O-RING, N-90 (as per gun size)
A	2-350220-1	1	IGNITER, (EXPLOSIVE COMPONENT)
--	TC-044-3125-099	--	REDRESS KIT FOR CT TRANSFER (all assemblies)
--	TC-044-3125-399	--	REDRESS KIT FOR HT, CT TRANSFER
--	MAN-TC-044	--	MANUAL, CT TIME DELAY TRANSFER SYSTEM

\*\* Denotes parts that are in the redress kit.

TC-044-3125-399 contains Viton O-rings

Note: Explosive components are sold separately

This assembly and redress kits do not include Igniter Support Assembly (TC-043-0003-000). This part comes with the 6-Minute Fuse Assembly and their redress kits.