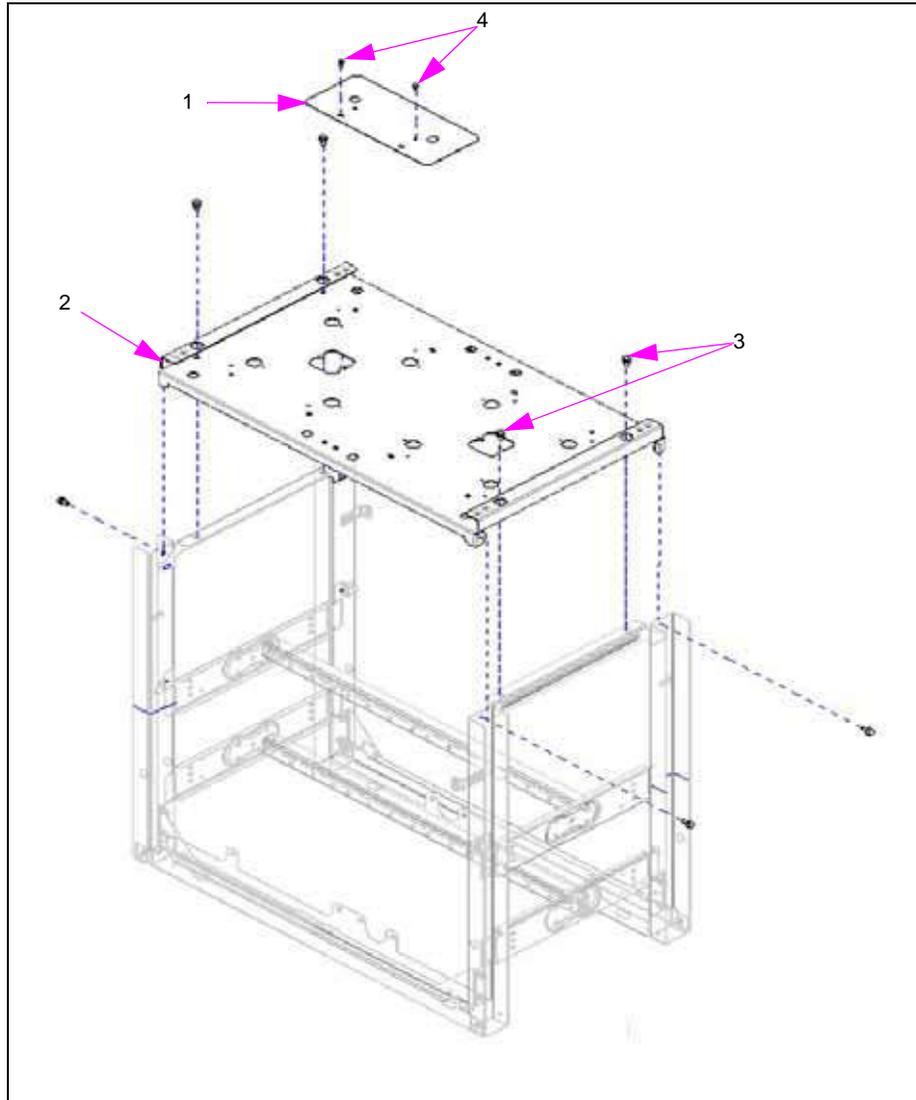


# 13 – Air Gap Area

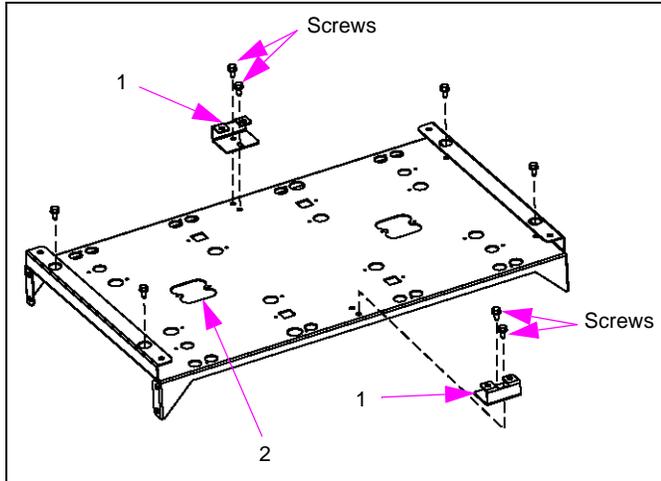
## Air Gap and Blanking Plates



Item #	Description	Current Part	Previous Part	Quantity
1	Manifold Lower Blanking Plate	M02960B003	-	1
2	Air Gap Plate	M02887B001	-	1
3	• Screw, Metric M8 X 18	M00417B009	-	8
4	• Screw, Metric M5 X 10	M00417B101	-	2

# Air Gap Plate with Bracket (Encore 300/500/Ultra-Hi Units)

Used on Units Built Before July 2005



Item #	Description	Current Part	Previous Part	Quantity
	Lower Frame Air Gap Plate (obsolete, see note 1)	-	M00407B003	1
1	Air Gap Support Bracket (obsolete, see note 1)	-	M01430B001	2
-	• Screw, Metric M8 X 18 (see note 2)	-	-	8
2	Plate, Conduit	M00224B004	-	1
-	Conduit Plate, Lower Air Gap	M00221B004	-	1

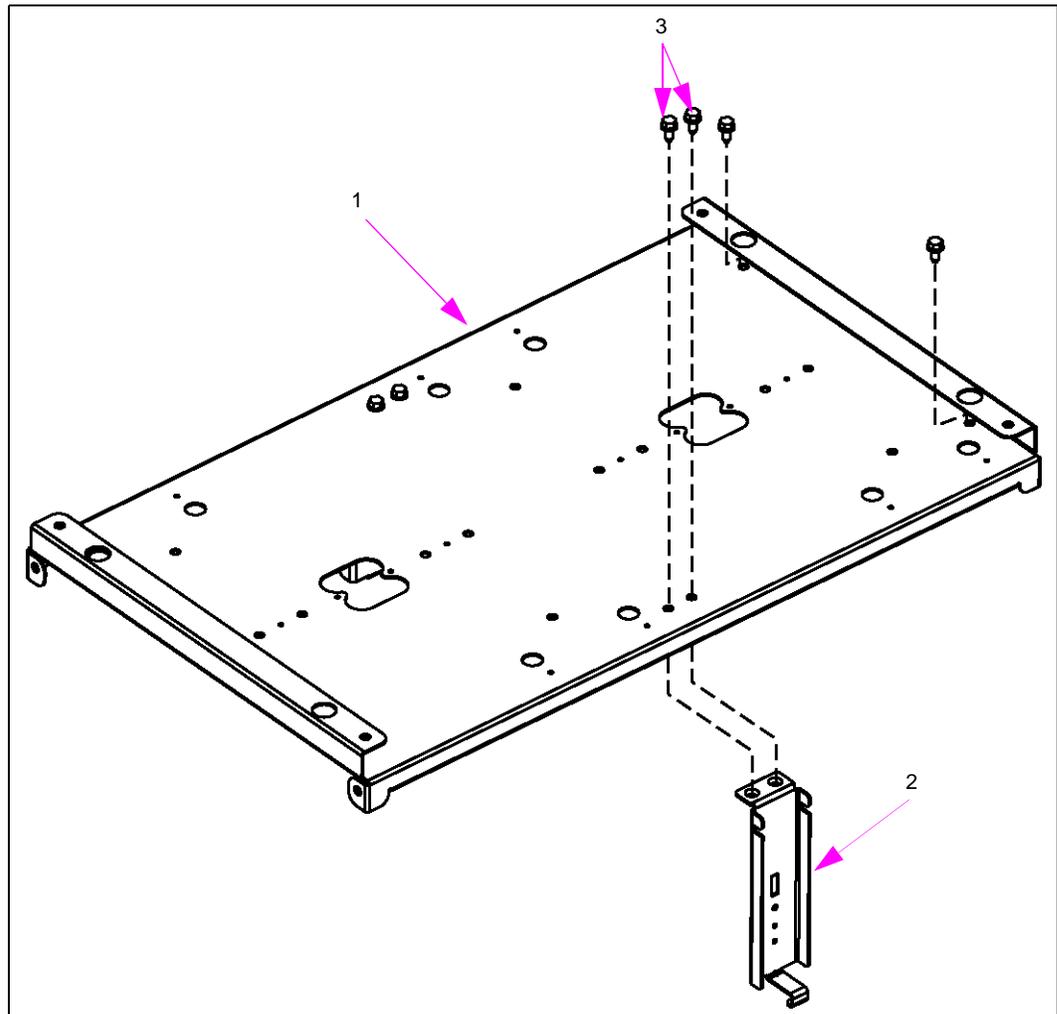
**Notes:**

1. No replacement.

2. Use Metric Hardware Kit [K96620-01 (includes screws, nuts, bolts)] to replace fasteners.

# Air Gap Area Section (Ecometer and Encore 550 - SMART Meter)

## Air Gap and Blanking Plate



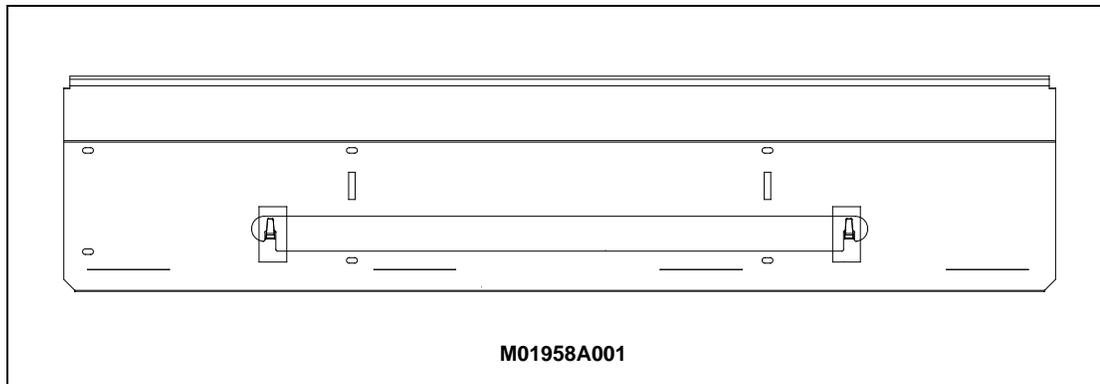
Item #	Description	Current Part	Previous Part	Quantity
1	Air Gap Plate	M03120B001	-	1
2	Bracket, Lower Panel Lock	M02975B001	-	1
3	• Screw, Metric M8 X 18 (see note)	-	-	8
<b>Not Shown</b>				
-	Air Gap Blanking Plate	M03658B001	-	1
-	• Screw, Metric M5 X 10 (see note)	-	-	-
<i>Note: Refer to Metric Hardware Kit [K96620-01 (includes screws, nuts, bolts)] to replace fasteners.</i>				

## Air Gap Area Section (Ecometer Option)

Item #	Description	Current Part	Quantity
1	Air Gap Plate	M03120B001	1
2	Air Gap Blanking Plate (see note)	M03658B001	1
3	Air Gap Blanking Plate	M03765B001	1
4	Air Gap Blanking Plate	M03659B001	1
5	Air Gap Blanking Plate	N23746-01	1

*Note: This part is present in Encore 550 units with SMART Meter.*

## Air Gap Main Door Panel (Encore 500/550)

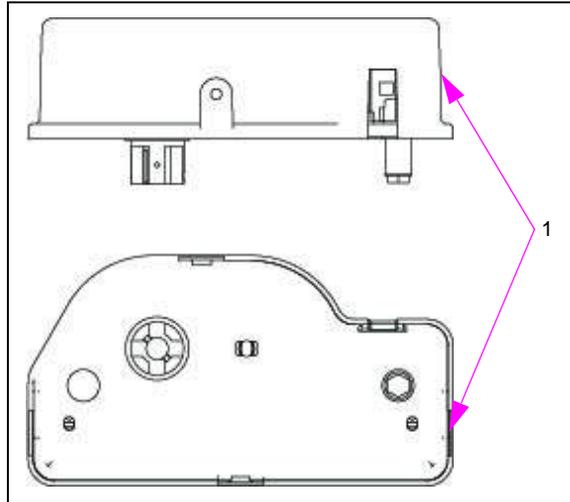


Item #	Description	Current Part	Previous Part	Quantity
1	Air Gap Main Door Panel (see note 1)	M01958A001	M00328B002	1
2	Air Gap Main Door Panel (Encore Enhanced) [(see note 2) (obsolete, see note 3)]	M07900B001	M00328B003	1

**Notes:**

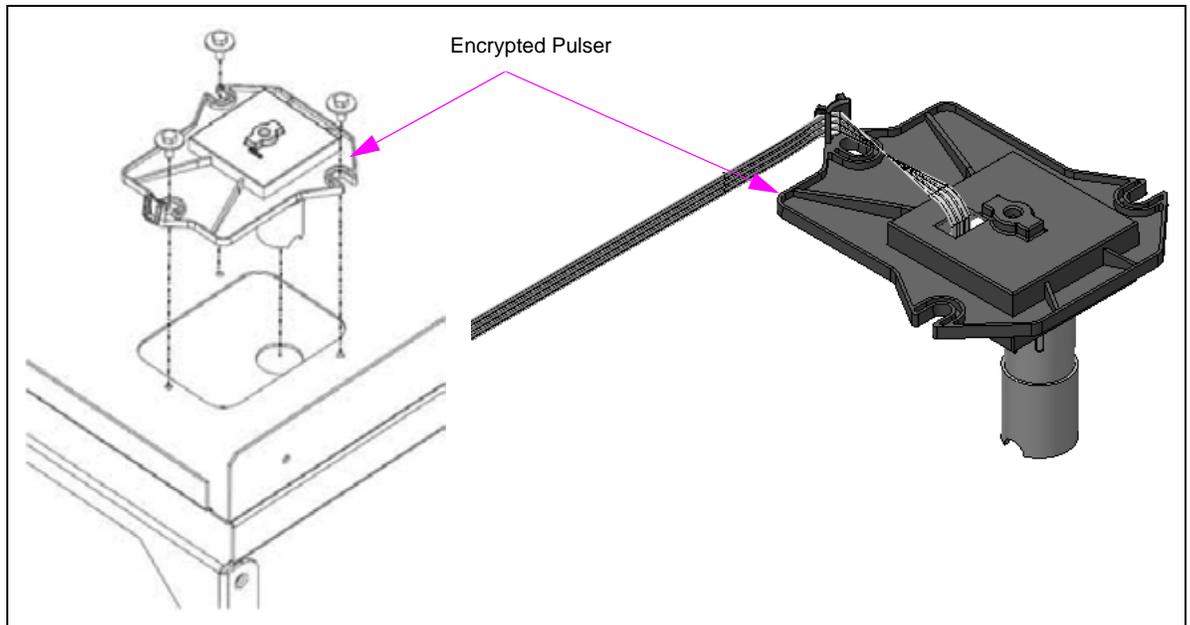
1. M00328B002 can no longer be sold. Customer must order M01958A001 Air Gap Door Panel Assembly.
2. For Air Gap (M00328B003) illustration, refer to "Encore S Door Assembly, with CRIND and Scanner" on [page 2-23](#).
3. M00328B003 is obsolete from vendor and replaced by M07900B001 Air Gap Bezel Door Panel.

# Pulser Assembly



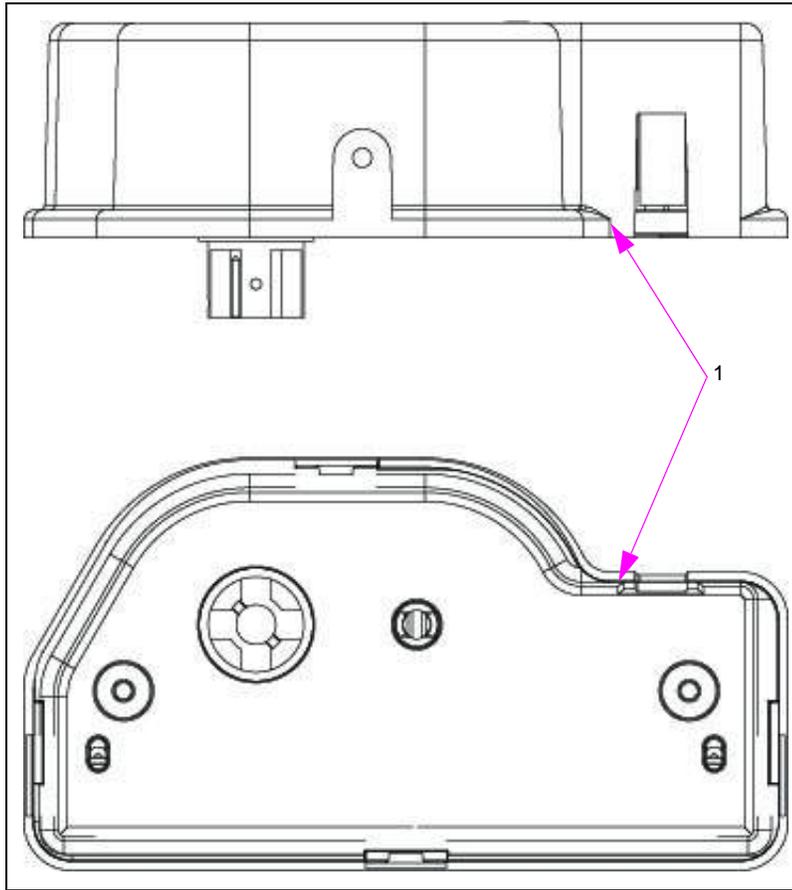
Item #	Description	Current Part	Previous Part	Quantity
1	Pulser Assembly	M04012B001	M04011B001	1

# Encrypted Pulser



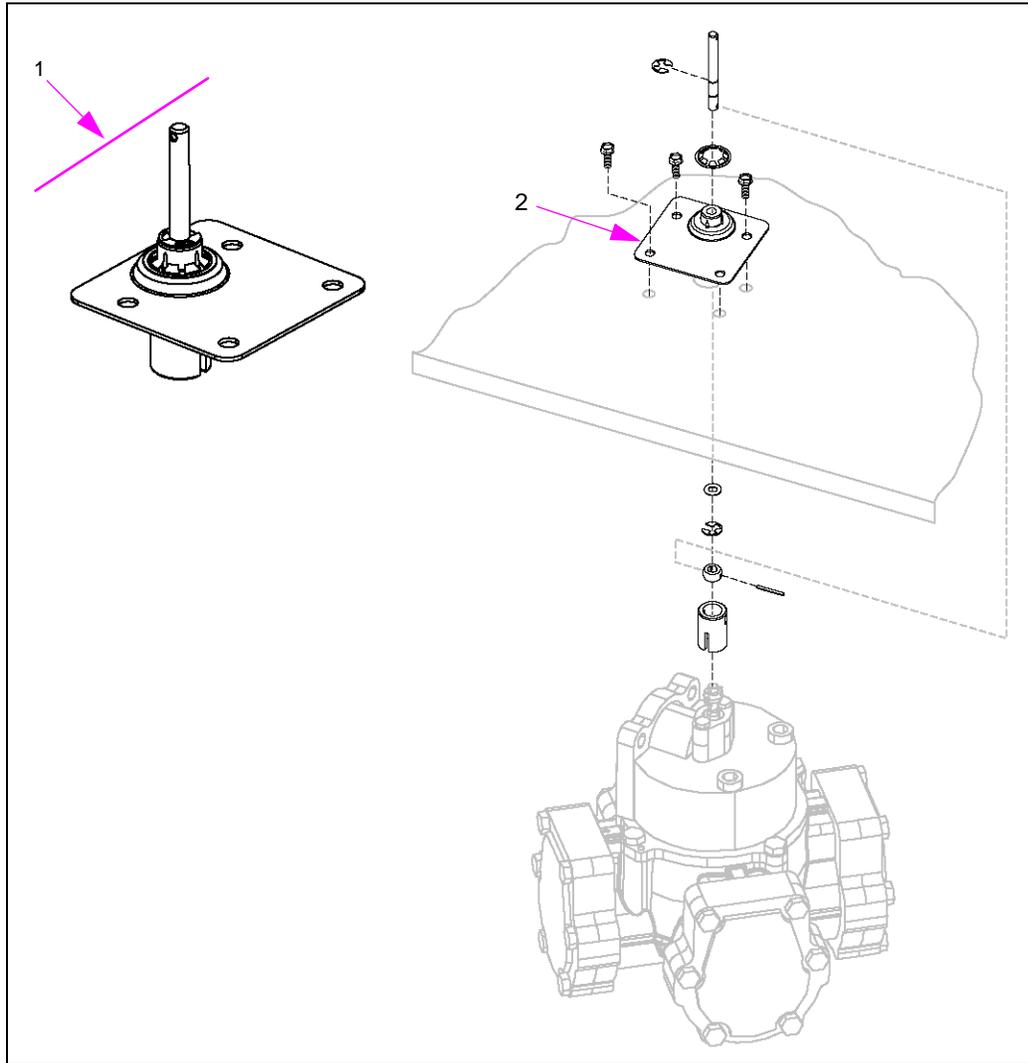
This pulser is not intended for use with Encore 500/S/700 S/S E-CIM units for Ultra-Hi Flow (UHF), DEF, or installed with Ecometer.

# Pulser Assembly (Modified)



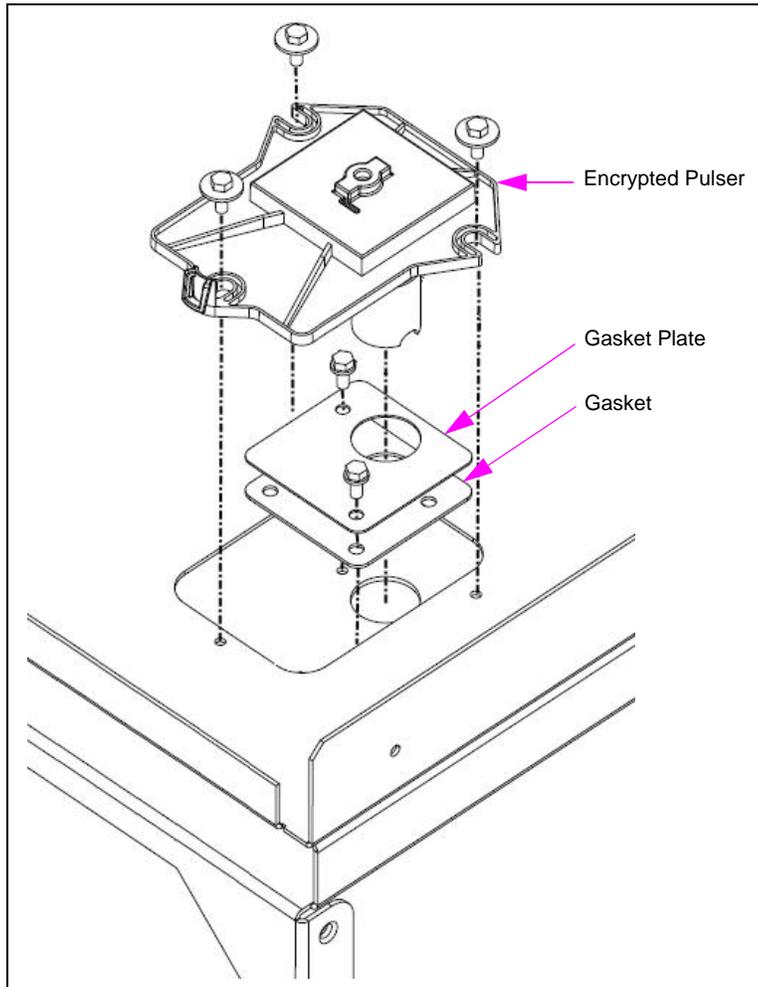
Item #	Description	Current Part	Previous Part	Quantity
1	Pulser Assembly	K93809	-	1

# Lower Pulser Seal



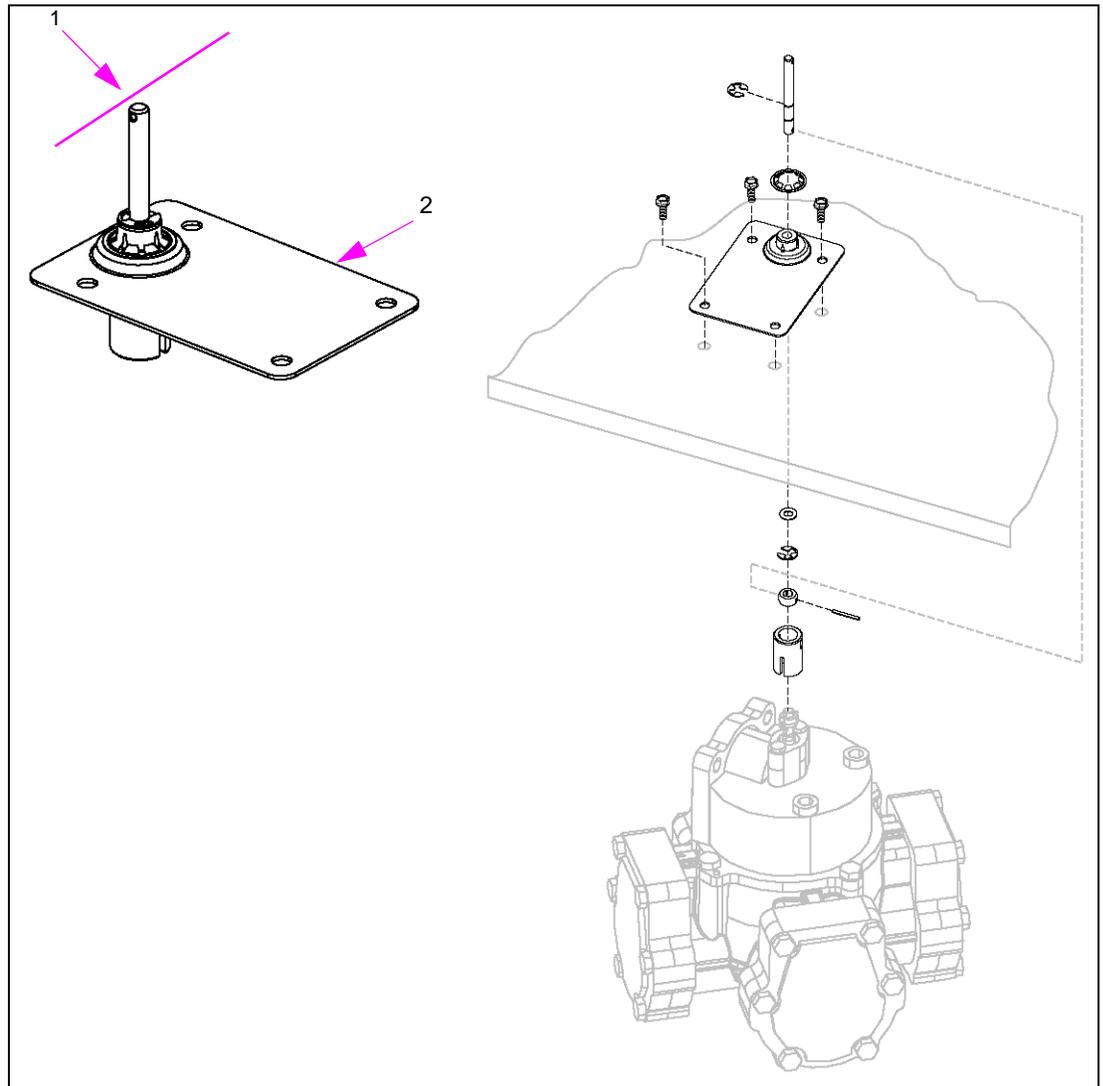
Item #	Description	Current Part	Previous Part	Quantity
1	Lower Pulser Seal Assembly (Spare Parts Item)	M03023A001	-	1
2	Plate, Lower Pulser Assembly	M03015A001	-	1

## Pulser Drive Assembly



The M12514K002 and M12514K003 Assemblies are the same as M12514K001, except for the removal of the old gasket, and reassembly of a new pulser drive gasket and plate.

# Lower Pulser Assembly



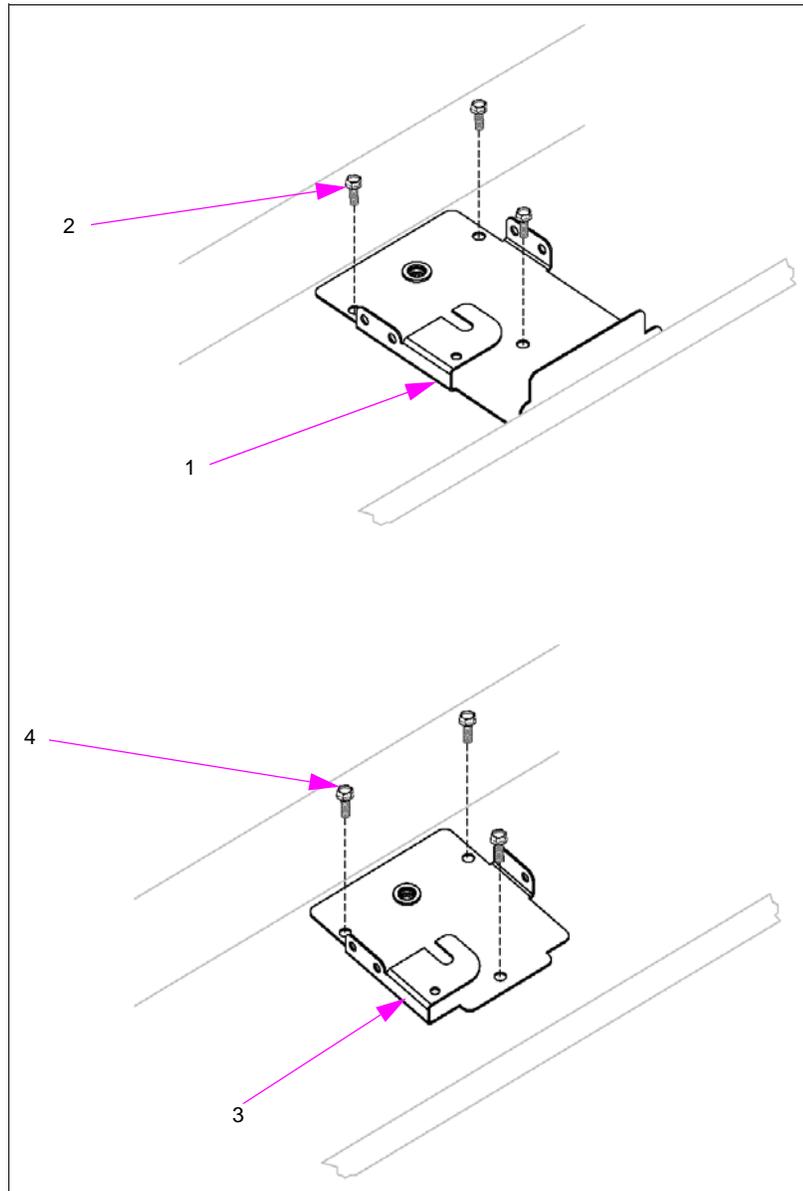
Item #	Description	Current Part	Previous Part	Quantity
1	Lower Pulser Assembly (obsolete, see note)	-	M00977A001	1
2	Plate, Lower Pulser Seal	M00140A001	-	1

*Note: The entire pulser assembly M00977A001 must be replaced by the new style pulser assembly. This assembly goes through the entire air gap with the following:*

- Part number M05840B002 - Combined Pulser for Encore 500
- Part number M05839B002 - Combined Pulser for Encore 300

*M05839B002 or M05840A002 can be used to replace M00977A001 part in the field.*

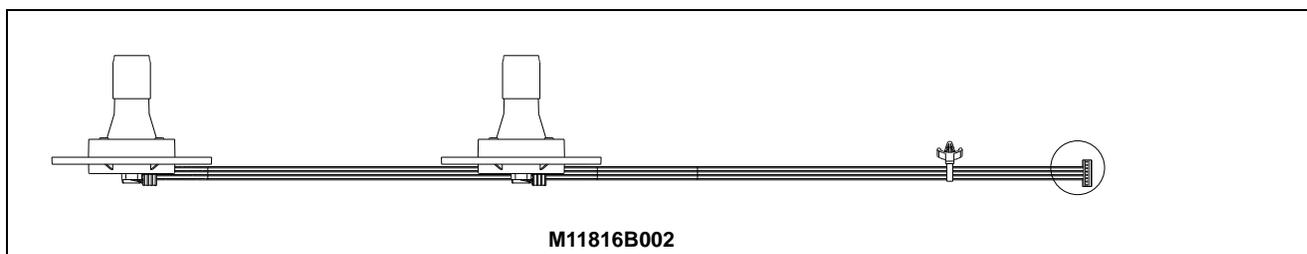
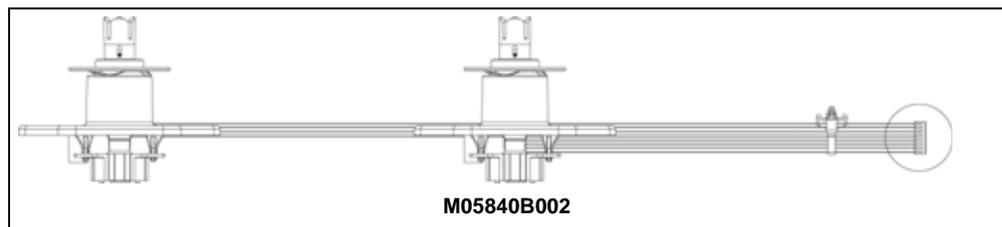
# Upper Pulser Seal Plates



Item #	Description	Current Part	Previous Part	Quantity
1	Upper Pulser Seal Plate [Encore 300] (obsolete, see note 1)	-	M02366A001	1
2	• Screw, Metric M5 X 10 (see note 2)	-	-	6
3	Upper Pulser Seal Plate [Encore 300] (obsolete, see note 1)	-	M02366A002	1
4	• Screw, Metric M5 X 10 (see note 2)	-	-	6

**Notes:**  
 1. No replacement.  
 2. Use Metric Hardware Kit [K96620-01 (includes screws, nuts, bolts)] to replace fasteners.

# Combined Pulser Encore 500

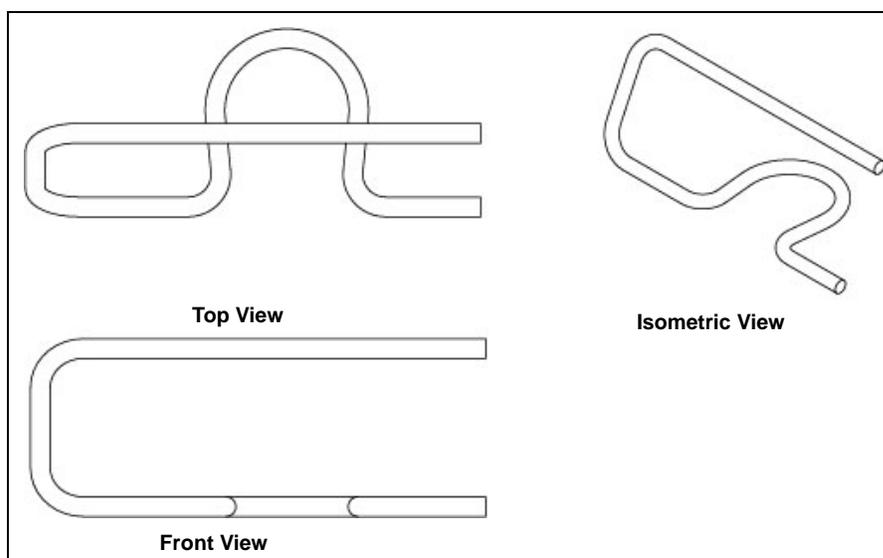


Item #	Description	Current Part	Previous Part	Quantity
1	Combined Pulser (Encore 500)	M05840B002	M05840B001	1
2	Encrypted Pulser Encore 500 S (see note)	M11816B002	M11816B001	1

Note: The following pulser kits are available to order:

1. Encore 500S Secure Pulser Kit (M12514K001).
2. Encore 500S Secure Pulser Kit [Canada (M12514K002).
3. Secure Pulser Kit [US and Canada (M12514K003)].

## Pulser Shaft Retainer Spring



Item #	Description	Current Part	Quantity
1	Pulser Shaft Retainer Spring	M01207B001	1