

## Steve Perniciaro

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**From:** Perniciaro, Stephen  
**Sent:** 11/18/2005 11:30:39 AM  
**To:** Orf, Robert J.; Smith, James E.  
**CC:**  
**BCC:**  
**Subject:** FW: SPL Sear Spring Support and Spacers

FYI

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From: Ogrodnik, Frank A.  
Sent: Friday, November 18, 2005 11:20 AM  
To: Perniciaro, Stephen  
Cc: Marley, Matthew M.; Wright, MaryAnn; Mead, Joseph P.; Doolittle, James F.; Parkhurst, James L.; Ogrodnik, Frank A.; Ronkainen, Jim  
Subject: RE: SPL Sear Spring Support and Spacers

Hello Steve,

Per our phone conversation this morning we are to do the following:

1. Place our PM spacer tool vendor on hold and not continue with the Plain Iron material spacer tooling.
2. Supply 316L samples of Front and Rear Spacers, off of existing tooling, to Firearms Engineering (Jim Smith) by 11/23/05.
3. PMPD to Develop Shrink Data off of the 316L PM Spacer samples, design die dimension drawings and turn our PM tool Vendor back on by 11/23/05. (for 316L Shrink tooling)
4. Order MIM 4 cavity mold for the Sear Spring Support P/N 301340 (316L Material). Place the order with Genesee Precision for \$23,855.00 with a 6 week delivery.

Please advise.

Frank Ogrodnik 11/18/05

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From: Ogrodnik, Frank A.  
Sent: Friday, November 18, 2005 9:42 AM  
To: Perniciaro, Stephen  
Cc: Marley, Matthew M.; Wright, MaryAnn; Mead, Joseph P.; Doolittle, James F.; Parkhurst, James L.; Ogrodnik, Frank A.  
Subject: SPL Sear Spring Support and Spacers

Hello Steve,

Based on our meeting yesterday and discussion this morning we have a few options we can pursue on PMPD's path forward:

1. Place our PM tool (Front & Rear Spacer) vendor on hold and stop making electrodes based on the Plain Fe Material or keep the vendor going on the Plain Fe material design?

2. Obtain a sample of 316L powder by 11/22/05 and run samples off of the current PM tools.

Provide Firearms engineering with samples (only one Spacer Front or Rear) by 11/23 for machining and develop shrinkage data for the 316L material tool design by 11/23/05. Take our tool vendor off of hold and provide new (316L Shrink) die dimension drawings for the Front and Rear spacers?

3. Place the MIM mold (316L Material) on order with Genesee Precision ( 4 cavity for \$23,855.00 - 6 week delivery)?

4. Start working on the MIM shrink dimensions (316L material) as soon as we receive the new drawing for the Sear Spring Support or use the existing drawing dated 11/15/05 Rev PA and change material to 316L?

Please let us know how to proceed.

Thank you,

Frank A. Ogrodnik 11/18/05