

**Service Letter**

Service letter Number	Issue Date	Revision	Revision Date
RASL-008	1/7/2016	-	-

Subject: Recommended replacement for Rapco, Inc. shear coupler.

Applicability: This service letter is applicable to all new FAA PMA approved pneumatic pumps manufactured by Rapco, Inc. and any pneumatic pumps overhauled by Rapco, Inc. installed on single or twin-engine aircraft.

Purpose: This document was drafted as a guide to help clarify the recommended replacement intervals for Rapco, Inc. shear couplers on new and overhauled pneumatic pumps.

Compliance: Compliance with this service letter is recommended to be accomplished every (6) years. The life of the urethane shear coupler can be shortened by number of cycles, heat, oil, and solvents. The Shear Coupler or Shear Coupler Kit must be installed by an authorized mechanic.

Procedure:

1. Review the pneumatic pump's warranty card and determine the part number of the pneumatic pump and date that the pump was manufactured.
2. Compare the information gathered in step 1 to table 1.
3. If the pneumatic pump exceeds the "Date of Manufacture" listed in table 1, replace the pneumatic pump's shear coupler with a new FAA PMA approved Rapco, Inc. shear coupler.
4. If the pneumatic pump is under the "Date of Manufacture" limits listed in table 1, the pneumatic pump may be returned to service until such time it has exceeded the "Date of Manufacture" limits listed in table 1.

Note:

Applicable replacement parts are available as follows:

RA03-002



Description: Shear shaft/coupler



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RA-Shear Coupler Kit



Description: Shear shaft/coupler, spline drive, and mounting gasket

Table 1:

Pneumatic Pump Part Number / Series	Date of Manufacture
RA215CC Series (Not equipped with inspection port)	6 years from date of manufacture
RA215CC Series (Equipped with inspection port)	6 years from date of manufacture
RAP215CC Series	6 years from date of manufacture
RA216CW (Not equipped with inspection port)	6 years from date of manufacture
RA216CW (Equipped with inspection port)	6 years from date of manufacture
RAP216CC Series	6 years from date of manufacture
RA241CC Series	6 years from date of manufacture
RAP241CC Series	6 years from date of manufacture
RA242CW Series	6 years from date of manufacture
RAP242CW Series	6 years from date of manufacture
RA441CC Series (Not equipped with inspection port)	6 years from date of manufacture
RA441CC Series (Equipped with inspection port)	6 years from date of manufacture
RAP441CC Series	6 years from date of manufacture
RA442CW Series (Not equipped with inspection port)	6 years from date of manufacture
RA442CW Series (Equipped with inspection port)	6 years from date of manufacture
RAP442CW Series	6 years from date of manufacture
Any model pneumatic pump overhauled by Rapco, Inc.	6 years from date of manufacture

