



Service Information Letter - Fuel Systems

SMALL RECIPROCATING ENGINES

All RSA-10 Servos

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SUBJECT: Availability of alternate RSA-10 Main Body and Regulator Covers.

PURPOSE: To provide repair shops with information relating to alternate main bodies and regulator covers for RSA-10 servos.

Revision 1 adds alternate main bodies and additional covers for P/N 2576630

- A) EFFECTIVITY: This service Information Letter is applicable to RSA-10AD1, DB1, DB2, ED1 and ED2 Servos.
- B) COMPLIANCE: Information Only.
- C) DESCRIPTION: Precision Airmotive LLC has developed new main bodies and regulator covers for RSA-10 servos. These new bodies and regulator covers are machined from solid aluminum instead of being made from castings. When stock of the existing parts is depleted, the new parts will be incorporated into production and existing parts may no longer be available. These new parts are an alternate to the existing parts and may be used interchangeably unless otherwise stated.
- D) PROCEDURE: The following changes should be made in the appropriate component maintenance manual.

1) RSA-10AD1 Reference manual 15-433D, IPL, Figure 4:

Installation Part Number	Item Number	Part Number	Nomenclature
2576630	25	2523502, 2577195, or 2577225	Cover, Regulator, finished
All Other RSA-10AD1	25	2523502 or 2577195	Cover, Regulator, finished

- 2) RSA-10AD1 Reference manual 15-433D, IPL, Figure 5:

Installation Part Number	Item Number	Part Number	Nomenclature
2524252, 2524163, 2524311, 2524318, 2524757, 2576630	70A	2525928 <i>or</i> 2577253	Body Assembly, Main

- 3) RSA-10DB1 Reference manual 15-471E, IPL, Figure 4:

Item Number	Part Number	Nomenclature
30	2525035 <i>or</i> 2577230	Cover, Regulator
160	2523966 <i>or</i> 2577278	Body Assembly, Main
160A	2525000 <i>or</i> 2577255	Body Assembly, Main

- 4) RSA-10DB2 Reference manual 15-542C, IPL, Figure 4:

Item Number	Part Number	Nomenclature
30	2525035 <i>or</i> 2577230	Cover, Regulator
160	2537626 <i>or</i> 2577280	Body Assembly, Main

- 5) RSA-10ED1 Reference manual 15-458G, IPL, Figure 4:

Item Number	Part Number	Nomenclature
30	2525035 <i>or</i> 2577230	Cover, Regulator
160	2525000 <i>or</i> 2577255	Body Assembly, Main
160A	2523966 <i>or</i> 2577278	Body Assembly, Main

- 6) RSA-10ED2 Reference manual 15-700A, IPL, Figure 4:

Item Number	Part Number	Nomenclature
30	2525035 <i>or</i> 2577230	Cover, Regulator
160	2537626 <i>or</i> 2577280	Body Assembly, Main