

SERVICE BULLETIN

NON-MODIFICATION SERVICE BULLETIN — ENGINE FUEL AND CONTROL
— VALVE, FUEL DIVERT & RETURN — REPLACE THE TORQUE MOTOR ON
THE FUEL DIVERTER AND RETURN VALVE

MODEL APPLICATION

V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5,
V2533-A5, V2525-D5, V2528-D5

BULLETIN ISSUE SEQUENCE

V2500 Series 73-0252

ATA NUMBER

73-13-42

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Compliance Category

6, 8

IAE Distribution Code

V2500

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Summary

The purpose of this Non-Modification Service Bulletin (NMSB) is to remove suspect Fuel Divert And Return Valves (FDRV). The suspect FDRVs will have the torque motor replaced for non-conforming O-ring material on a seal plug that may result in external leakage.

Planning Information

Effectivity Data

Engine Models Applicable

V2522-A5, V2524-A5, V2527M-A5, V2527-A5, V2527E-A5, V2530-A5, V2533-A5

Engine Serial Nos. V10001 thru V13190

Engine Serial Nos. V15001 thru V18940

V2525-D5, V2528-D5

Engine Serial Nos. V20001 thru V20285

Refer to Appendix A and B for the applicable FDRV serial numbers that are possibly unserviceable.

All FDRVs with a serial number specified in Appendix A, Population 1 or Appendix B, Population 2 that incorporated Reference 5, SI 320F-19 are in compliance with this Service Bulletin and Reference 4, IHI Service Bulletin No. 17300-73-010, and replacement is not necessary.

Concurrent Requirements

There are no concurrent requirements.

Reason

1. Condition: FDRVs were removed from engines because of external leakage from a weep hole adjacent to an electrical connector, and from behind the identification plate cover.
2. Background: The V2500-A5 engine has experienced external leakage coming from electrical connector weep hole or identification plate cover on the FDRV. The root cause is a non-conforming O-ring material on a seal plug that is located on the torque motor that has compression set. The non-conforming O-ring material may degrade from temperature and time resulting in the inability to seal allowing fuel to escape in the torque motor cavity behind the FDRV identification plate cover. There is a population of 720 non-conforming O-rings installed on FDRV torque motors. Two populations of FDRVs are identified. Population one consists of 614* FDRVs containing the majority of the non-conforming O-rings. Population two consists of 589 FDRVs containing approximately 99 of the non-conforming O-rings.

NOTE: *Initially, the original population one identified 700 suspect FDRVs. Some of the suspect population were returned and the torque motors were replaced.

3. Objective: Return Population One FDRVs to supplier listed in the Vender Service or Special Components/Materials section on condition or at earliest maintenance convenience to have the torque motor replaced. Replace Population Two FDRVs on condition when found leaking.
4. Substantiation: Investigation determined a population of FDRVs with torque motors that have non-conforming (Nitrile) O-rings installed on a seal plug. Through analysis the amount of fuel that could leak past the O-ring would not pose any engine operational concern.

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5. Effects of Bulletin on:
Removal/Installation: Not Affected.
Disassembly/Assembly: Not Affected.
Cleaning: Not Affected.
Inspection/Check: Not Affected.
Repair: Not Affected.
Testing: Not Affected.
6. Supplemental Information
None.

Description

Return the suspect FDRV to the supplier identified in the Vendor Services or Special Components/Materials section for torque motor replacement.

Compliance

Category 6 for FDRV Population 1 specified in Appendix A

Accomplish when the subassembly (i.e. modules, accessories, components, build groups) is disassembled sufficiently to afford access to the affected part and to all affected spare parts.

Category 8 for FDRV Population 2 specified in Appendix B

Accomplish based upon experience with the prior configuration.

Approval Data

The compliance statement and the procedures described in this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the engine model listed.

The aircraft Type Certificate (TC) holder has been informed of this change.

Manpower

1. In Service
..... Not Applicable.
2. At Overhaul
..... Not Applicable.

Weight and Balance

1. Weight Change
None.
2. Moment Arm
No Effect.
3. Datum

Engine Front Mount Centerline (Power Plant Station (PPS) 100)

Electrical Load Data

This Service Bulletin has no effect on the aircraft electrical load.

Software Accomplishment Summary

Not Applicable.

References

NOTE: In 2014 IAE converted the V2500 Technical Publications to a new system. As a result of the conversion, some manuals were consolidated. All manuals received new P&W part numbers. To facilitate the use of this Service Bulletin, a Technical Publications conversion table is provided in the Appendix.

1. V2500 Standard Practices and Processes, P&W Ref. PN 2A4414, Chapter/Section 70-00-00.
2. V2500-A5 Series Illustrated Parts Catalog, P&W Ref. PN 2A4428, Chapter/Section 73-13-42.
3. V2500-D5, Series Illustrated Parts Catalog, P&W Ref. PN 2A4426, Chapter/Section 73-13-42.
4. IHI Service Bulletin No. 17300-73-010.
5. Special Instruction 320F-19, Replacement And Marking Identification Of Suspect Population FDRVs Returned For Torque Motors With Non-Conforming O-Ring.
6. A319/320/321 Aircraft Maintenance Manual (AMM), Chapter/Section 73-13-42, Removal And Installation Of Fuel Diverter And Return Valve.
7. MD-90 Aircraft Maintenance Manual (AMM), Chapter 73-13-42, Removal And Installation Of Fuel Diverter And Return Valve.
8. V2500 A1/A5 Series Engine Manual (EM), P&W Ref. PN 2A4407, Chapter/Section 72-00-32.
9. V2500-D5 Series Engine Manual (EM), P&W Ref. PN 2A4416, Chapter/Section 72-00-32.

Other Publications Affected

1. V2500-A5 Series Illustrated Parts Catalog, P&W Ref. PN 2A4428, Chapter/Section 73-13-42.
2. V2500-D5 Series Illustrated Parts Catalog, P&W Ref. PN 2A4426, Chapter/Section 73-13-42.

Interchangeability of Parts

Not Applicable.

Information in the Appendix

Alternate Accomplishment Instructions (No)

Progression Charts (No)

Added Data (Yes)

Revision to Table of Limits (No)

Inspection Procedures (No)

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Material Information

Material — Price and Availability

1. There is no new material cost to do this Service Bulletin when the part modification procedure is used.
2. There is no kit provided to do this Service Bulletin.
3. Part availability information is provided in material data Instructions — Disposition.

Industry Support Program

Not Applicable.

The material data that follows is for each engine.

For V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5, V2533-A5 Engines:

New PN	Qty	Estimate of Unit Price (\$)	Keyword	Old PN	Instructions — Disposition
	1	*	VALVE, FUEL DIVERT & RETURN	5L0076 (17300G09) (73-13-42-01-100 F) (73-13-42-01-100 G)	(4)(X) (V)
OR					
	1	*	VALVE, FUEL DIVERT & RETURN	(17300G11) (73-13-42-10-100 H)	(4)(V)(X)
OR					
	1	*	VALVE, FUEL DIVERT & RETURN	(17300G12)	(4)(V)(X)

The material data that follows is for each engine.

For V2525-D5, V2528-D5 Engines:

New PN	Qty	Estimate of Unit Price (\$)	Keyword	Old PN	Instructions — Disposition
	1	*	VALVE, FUEL DIVERT & RETURN	5L0076 (17300G09) (73-13-42-10-100 E)	(4)(X) (V)
OR					
	1	*	VALVE, FUEL DIVERT & RETURN	(17300G11) (73-13-42-10-100 F)	(4)(V)(X)

New PN	Qty	Estimate of Unit Price (\$)	Keyword	Old PN	Instructions — Disposition
OR					
	1	*	VALVE, FUEL DIVERT & RETURN	(17300G12)	(4)(V)(X)

Modification and Spares Information

Parts Modification Conditions

Estimated part prices are provided when they are available at time of publication. The Estimate of Unit Price is only for planning purposes and does not constitute a firm quotation. An asterisk (*) is shown where part pricing information was unavailable. In either case, contact IAE Spares for firm quotations.

(4) Do an inspection as specified in the Accomplishment Instructions.

Spare Parts Availability

(V) This is the IHI Corporation part number.

(X) See Reference 2 or 3, Illustrated Parts Catalog for applicable replacement parts.

Vendor Services or Special Components/Materials

IAE Designation	Vendor Designation	Name	Vendor Name & Address
5L0076	17300G09	Valve, Fuel Divert & Return	IHI Corporation 229 Tonogaya, Mizuho-Macki Nishitama-Gun, Tokyo, 190-1297 Japan Tel: (+81) 42-568-7268 or IHI-ICR LLC 330 Industrial Court West Villa Rica, GA 30180 U.S.A. Tel: (+1) 770-456-4148
	17300G11		
	17300G12		
	17300-73-010	Service Bulletin	
http://www.ihi-aem.com			

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Tooling — Price and Availability

Special tools are not required to accomplish this Service Bulletin.

Reidentified Parts

Not Applicable.

Other Material Information Data

Not Applicable.

Accomplishment Instructions

For V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5, V2533-A5 Engines Installed On The Aircraft:

NOTE: Service bulletin incorporation on engines installed on aircraft may be desirable and should be individually evaluated.

1. Replace the FDRV, PN 5L0076 (17300G09), (17300G11), or (17300G12), that meet the compliance requirements of this NMSB as follows. See Figure 1.
 - A. Examine the FDRV identification plate for presence of SI 320F-19 in "MOD. NO." location. If SI 320F-19 is present no further action required. If SI 320F-19 is not present continue to step B.
 - B. Remove and replace the suspect FDRV with a non-suspect FDRV as specified in Reference 6, AMM, Task 73-13-42-000-010-A and 73-13-42-400-010-A.
2. Return the removed FDRV to a vendor capable to perform work on the FDRV as specified in Reference 4, IHI Service Bulletin No. 17300-73-010 to replace the torque motor.
3. Recording Instructions
 - A. A record of accomplishment is necessary.

For V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5, V2533-A5 Engines Not Installed On The Aircraft:

1. Replace the FDRV, PN 5L0076 (17300G09), (17300G11), or (17300G12), that meet the compliance requirements of this NMSB as follows. See Figure 1.
 - A. Examine the FDRV identification plate for presence of SI 320F-19 in "MOD NO." location. If SI 320F-19 is present no further action required. If SI 320F-19 is not present continue to step B.
 - B. Remove and replace the suspect FDRV with a non-suspect FDRV as specified in Reference 8, EM, Task 72-00-32-050-013 and 72-00-32-450-013.
2. Return the removed FDRV to a vendor capable to perform work on the FDRV as specified in Reference 4, IHI Service Bulletin No. 17300-73-010 to replace the torque motor.
3. Recording Instructions
 - A. A record of accomplishment is necessary.

For V2525-D5, V2528-D5 Engines Installed On The Aircraft:

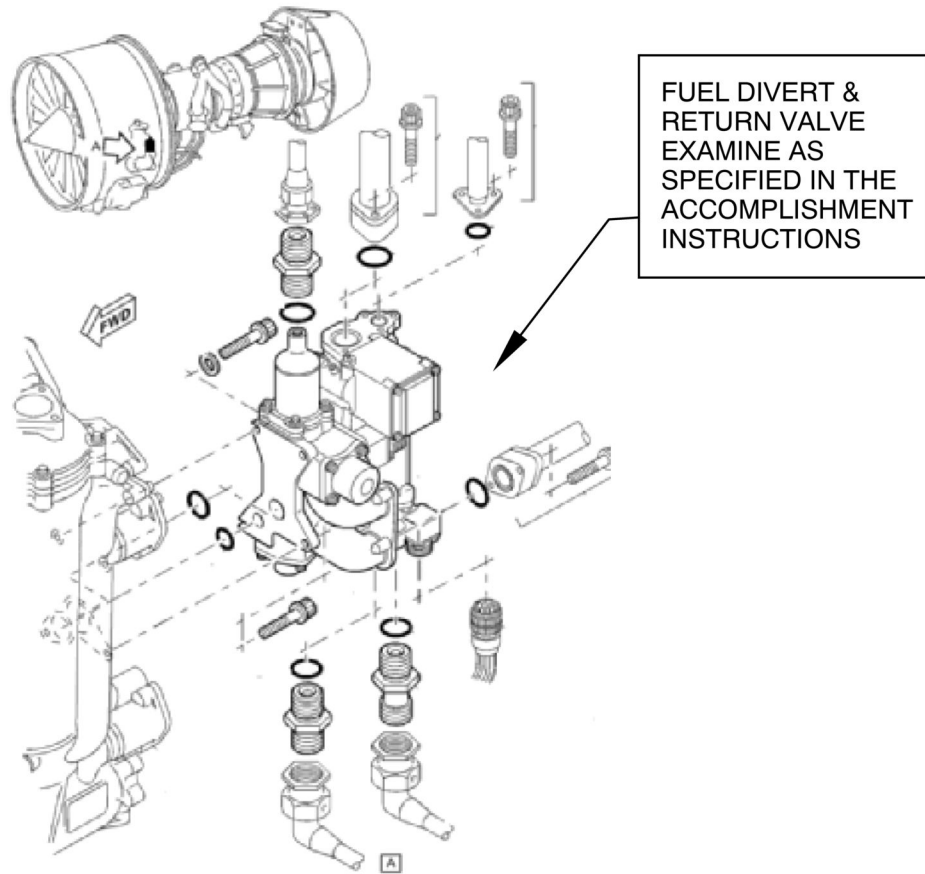
NOTE: Service bulletin incorporation on engines installed on aircraft may be desirable and should be individually evaluated.

1. Replace the FDRV, PN 5L0076 (17300G09), (17300G11), or (17300G12), that meet the compliance requirements of this NMSB as follows. See Figure 2.
 - A. Examine the FDRV identification plate for presence of SI 320F-19 in "MOD. NO." location. If SI 320F-19 is present no further action required. If SI 320F-19 is not present continue to step B.
 - B. Remove and replace the suspect FDRV with a non-suspect FDRV as specified in Reference 7, AMM, Task 73-13-42-020-801 and 73-13-42-420-801.

2. Return the removed FDRV to a shop vendor capable to perform work on the FDRV in accordance with Reference 4, IHI Service Bulletin No. 17300-73-010 to replace the torque motor.
3. Recording Instructions
 - A. A record of accomplishment is necessary.

For V2525-D5, V2528-D5 Engines Not Installed On The Aircraft:

1. Replace the FDRV, PN 5L0076 (17300G09) , (17300G11), or (17300G12), that meet the compliance requirements of this NMSB as follows. See Figure 2.
 - A. Examine the FDRV identification plate for presence of SI 320F-19 in “MOD. NO.” location. If SI 320F-19 is present no further action required. If SI 320F-19 is not present continue to step B.
 - B. Remove and replace the suspect FDRV with a non-suspect as specified in Reference 9, EM, Task 72-00-32-050-013 and 72-00-32-450-013.
2. Return the removed FDRV to a vendor capable to perform work on the FDRV in accordance with Reference 4, IHI Service Bulletin No. 17300-73-010 to replace the torque motor.
3. Recording Instructions
 - A. A record of accomplishment is necessary.



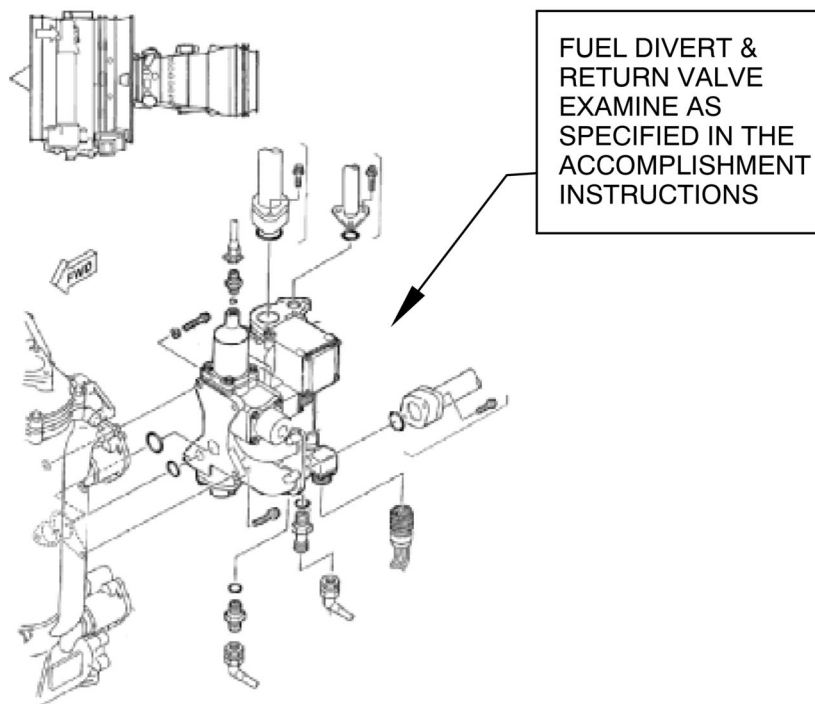
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LOCATION OF THE FUEL DIVERT AND RETURN VALVE FOR V2500-A5 ENGINE
73-13-42
FIGURE 1

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LOCATION OF THE FUEL DIVERT AND RETURN VALVE FOR V2500-D5 ENGINE
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FIGURE 2

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Appendix

Added Data

APPENDIX A: Population 1 Identified For Compliance Category 6

FDRV SN	FDRV SN	FDRV SN	FDRV SN	FDRV SN	FDRV SN	FDRV SN	FDRV SN
1019	1029	1043	1062	1068	1071	1088	1101
1115	1116	1137	1170	1179	1180	1190	1203
1216	1219	1243	1272	1274	1275	1286	1291
1321	1328	1357	1360	1384	1394	1421	1424
1429	1490	1491	1520	1522	1539	1551	1556
1575	1594	1598	1606	1633	1643	1665	1674
1693	1698	1734	1762	1783	1806	1827	1832
1854	1862	1905	1918	1938	1943	1958	1962
1969	1985	1997	2000	2010	2041	2062	2076
2084	2088	2089	2106	2108	2110	2112	2132
2159	2165	2171	2183	2184	2189	2192	2201
2203	2206	2250	2251	2304	2314	2316	2317
2324	2328	2349	2372	2381	2402	2404	2407
2417	2458	2488	2521	2529	2532	2536	2538
2553	2556	2575	2578	2593	2604	2626	2642
2644	2677	2680	2685	2707	2711	2720	2734
2744	2751	2755	2769	2778	2785	2788	2816
2853	2869	2873	2881	2892	2900	2911	2923
2927	2931	2946	2956	2957	2976	2981	3020
3021	3034	3037	3043	3049	3064	3067	3080
3087	3088	3093	3108	3109	3115	3119	3151
3195	3198	3231	3237	3255	3259	3266	3270
3273	3296	3297	3307	3314	3323	3331	3356
3368	3371	3386	3404	3415	3420	3444	3459
3465	3473	3494	3502	3526	3531	3569	3571
3576	3592	3599	3629	3635	3646	3660	3664
3675	3679	3688	3693	3711	3727	3734	3739
3749	3756	3757	3759	3763	3778	3784	3787
3804	3819	3848	3850	3879	3885	3891	3895

FDRV SN	FDRV SN	FDRV SN	FDRV SN	FDRV SN	FDRV SN	FDRV SN	FDRV SN
3909	3939	3941	3945	3946	3947	3960	3979
3991	3993	4007	4024	4049	4061	4072	4084
4087	4134	4145	4146	4156	4170	4207	4223
4241	4275	4292	4300	4312	4313	4317	4318
4321	4339	4345	4357	4358	4366	4370	4371
4413	4417	4437	4458	4459	4467	4468	4471
4477	4478	4488	4508	4531	4540	4542	4552
4566	4581	4592	4598	4623	4642	4682	4706
4708	4717	4726	4731	4760	4765	4772	4778
4792	4809	4821	4848	4850	4871	4878	4882
4896	4914	4917	4956	4961	4986	4988	4993
5037	5042	5044	5074	5085	5089	5090	5098
5107	5110	5121	5131	5153	5155	5163	5169
5172	5185	5199	5225	5229	5231	5240	5243
5259	5271	5282	5290	5297	5298	5314	5361
5397	5402	5419	5429	5457	5462	5511	5515
5530	5562	5566	5589	5598	5600	5612	5613
5617	5662	5703	5706	5739	5748	5776	5854
5870	5876	5913	5922	5932	5953	5957	5974
5975	6018	6067	6084	6090	6091	6130	6146
6150	6186	6261	6309	6326	6328	6416	6417
6440	6445	6457	6464	6468	6531	6536	6541
6577	6581	6589	6665	6670	6705	6725	6744
6777	6791	6851	6861	6886	6907	6997	7083
7160	7161	7195	7238	7268	7271	7283	7314
7336	7337	7375	7441	7451	7464	7467	7491
7508	7527	7558	7566	7612	7619	7747	8432
8443	8445	8447	8448	8449	8450	8451	8455
8456	8457	8458	8459	8460	8461	8462	8464
8465	8466	8467	8470	8471	8472	8473	8474
8475	8476	8477	8478	8479	8484	8485	8486
8488	8489	8490	8491	8493	8495	8496	8497
8498	8500	8501	8502	8504	8505	8506	8507

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FDRV SN	FDRV SN	FDRV SN	FDRV SN	FDRV SN	FDRV SN	FDRV SN	FDRV SN
8508	8509	8510	8511	8512	8513	8514	8515
8516	8517	8518	8519	8520	8521	8522	8523
8524	8525	8526	8527	8528	8529	8530	8531
8532	8535	8536	8537	8539	8540	8541	8542
8543	8544	8545	8546	8547	8548	8549	8550
8554	8555	8556	8557	8558	8559	8560	8562
8563	8564	8565	8566	8567	8568	8571	8572
8573	8574	8575	8576	8577	8579	8580	8581
8582	8583	8585	8586	8587	8588	8589	8590
8591	8592	8593	8594	8596	8597	8598	8599
8600	8601	8603	8604	8607	8608	8609	8612
8613	8614	8615	8616	8617	8618	8619	8621
8622	8623	8625	8626	8627	8628	8629	8630
8633	8634	8635	8637	8638	8639	8640	8641
8642	8666	8677	8680	8698	8708		

APPENDIX B: Population 2 Identified For Compliance Category 8

FDRV SN	FDRV SN	FDRV SN	FDRV SN	FDRV SN	FDRV SN	FDRV SN	FDRV SN
1021	1045	1058	1063	1064	1067	1081	1085
1090	1110	1113	1125	1129	1134	1135	1145
1172	1175	1198	1200	1201	1202	1211	1217
1237	1252	1267	1268	1281	1313	1327	1336
1345	1362	1368	1385	1390	1416	1423	1433
1494	1495	1502	1507	1513	1529	1544	1555
1572	1582	1596	1600	1613	1615	1623	1627
1650	1651	1652	1656	1668	1681	1687	1703
1721	1724	1755	1756	1772	1785	1794	1810
1812	1818	1834	1850	1856	1882	1885	1897
1925	1926	1931	1941	1945	1948	1968	2057
2075	2116	2117	2119	2122	2131	2148	2158
2160	2161	2163	2172	2182	2190	2216	2221
2226	2227	2228	2230	2239	2246	2253	2261
2269	2271	2276	2280	2287	2325	2330	2350
2353	2362	2398	2408	2410	2416	2431	2437
2439	2443	2446	2517	2543	2544	2546	2560
2569	2573	2591	2592	2610	2628	2645	2646
2648	2653	2667	2692	2702	2741	2752	2783
2817	2832	2865	2875	2901	2914	2924	2938
2942	2950	2955	2978	2988	3014	3025	3029
3038	3057	3059	3060	3084	3085	3089	3091
3094	3101	3103	3105	3112	3131	3136	3137
3145	3170	3171	3181	3182	3186	3191	3202
3211	3212	3225	3233	3245	3249	3257	3269
3290	3306	3311	3345	3352	3359	3361	3366
3375	3378	3387	3391	3398	3400	3412	3416
3421	3431	3435	3437	3447	3475	3491	3495
3509	3530	3537	3546	3568	3604	3627	3636
3644	3650	3654	3658	3661	3669	3678	3684
3687	3722	3723	3743	3753	3767	3772	3774
3783	3790	3795	3796	3805	3821	3824	3828

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FDRV SN	FDRV SN	FDRV SN	FDRV SN	FDRV SN	FDRV SN	FDRV SN	FDRV SN
3854	3855	3867	3872	3899	3911	3913	3957
3961	3977	4000	4002	4004	4009	4052	4054
4057	4079	4095	4098	4102	4120	4123	4138
4140	4158	4160	4177	4183	4191	4195	4199
4205	4206	4214	4226	4231	4240	4266	4277
4279	4303	4307	4316	4328	4336	4348	4383
4385	4400	4404	4415	4430	4442	4461	4482
4494	4496	4499	4519	4541	4549	4553	4555
4563	4582	4617	4635	4643	4646	4664	4671
4676	4725	4734	4757	4768	4769	4791	4807
4819	4820	4825	4826	4837	4840	4849	4857
4859	4860	4868	4869	4874	4888	4903	4919
4922	4933	4939	4949	4971	5003	5008	5010
5014	5017	5018	5034	5050	5051	5059	5062
5069	5076	5081	5113	5115	5128	5143	5146
5150	5160	5171	5190	5201	5205	5232	5236
5246	5260	5261	5284	5285	5299	5304	5330
5355	5371	5381	5394	5399	5404	5415	5430
5481	5483	5490	5495	5499	5509	5516	5521
5558	5567	5624	5629	5638	5653	5668	5682
5686	5720	5725	5760	5774	5775	5777	5791
5838	5839	5841	5894	5896	5935	5936	5938
5943	5945	5987	5999	6022	6027	6080	6100
6114	6116	6149	6161	6193	6203	6216	6238
6256	6279	6286	6317	6327	6370	6388	6391
6404	6413	6415	6418	6437	6456	6487	6523
6554	6557	6565	6567	6572	6576	6585	6588
6606	6635	6655	6695	6723	6742	6746	6775
6782	6786	6789	6796	6801	6875	6935	6942
6957	6963	6968	6989	6996	7018	7023	7043
7072	7110	7128	7198	7209	7226	7229	7252
7289	7301	7322	7353	7365	7396	7399	7415
7418	7428	7431	7440	7448	7511	7514	7563

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IAE PROPRIETARY INFORMATION

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FDRV SN	FDRV SN	FDRV SN	FDRV SN	FDRV SN	FDRV SN	FDRV SN	FDRV SN
7591	7603	7608	7618	7815	8241	8362	8454
8533	8552	8569	8570	8578	8584	8595	8605
8610	8611	8620	8624	8643	8644	8645	8646
8647	8648	8649	8650	8651	8653	8654	8655
8657	8658	8659	8660	8661	8662	8663	8672
8673	8682	8683	8684	8685	8686	8687	8688
8689	8690	8691	8692	8693	8694	8697	8700
8705	8707	8709	8711	8735	8736	8737	8738
8739	8741	8742	8743	8748			

Internal Reference Information

Revision No.	Reference Document	Origination
Original	EA19VC663	RG/RCM

Number values shown in parentheses adjacent to U.S. values are International System of units (SI) equivalents.

NOTE: In 2014 IAE converted the V2500 Technical Publications to a new system. As a result of the conversion, some manuals were consolidated. All manuals received new P&W part numbers. To facilitate the use of this Service Bulletin, the following Technical Publications cross reference table is provided.

Technical Publications Cross Reference Table

Publication	Engine Model(s)	IAE IETM Pub Ref	P&W Part Number
ENGINE MANUAL — A1, A5	All	E-V2500-1IA	2A4407
CMM-EHC — A1, A5	All	EHC-V2500-1IA	2A4409
CMM-FN — A1, A5	All	FN-V2500-1IA	2A4410
CMM-MMC — A1, A5	All	MECH-V2500-1IA	2A4411
CMM-THD — A1, A5	All	THD-V2500-1IA	2A4412
TLM — A1, A5	All	T-V2500-1IA	2A4408
ENGINE MANUAL — D5	All	E-V2500-3IA	2A4416
CMM-EHC — D5	All	EHC-V2500-3IA	2A4418
CMM-FN — D5	All	FN-V2500-3IA	2A4419
CMM-MMC — D5	All	MECH-V2500-3IA	2A4420

Publication	Engine Model(s)	IAE IETM Pub Ref	P&W Part Number
CMM-THD — D5	All	THD-V2500-3IA	2A4423
TLM — D5	All	T-V2500-3IA	2A4417
SPPM (SPM) — A1, A5, D5	All	SPP-V2500-1IA	2A4414
EIPC — A1	V2500-A1102Q00	S-V2500-1IA	2A4427
EIPC — A5	V2522/V2524/V2527M-AQ02	S-V2500-6IA	2A4428
	V2522/V2524/V2527M-AQ03	S-V2500-6IB	
	V2522/V2524/V2527M-SQ02	S-V2500-6SA	
	V2522/V2524/V2527M-SQ03	S-V2500-6SB	
	V2522/V2524/V2527M-SQ04	S-V2500-6NA	
	V2522/V2524/V2527M-SQ05	S-V2500-6NB	
	V2527/V2527E-AQ02	S-V2500-7IA	
	V2527/V2527E-AQ03	S-V2500-7IB	
	V2527/V2527E-SQ02	S-V2500-7SA	
	V2527/V2527E-SQ03	S-V2500-7SB	
	V2527/V2527E-SQ04	S-V2500-7NA	
	V2527/V2527E-SQ05	S-V2500-7NB	
	V2530-AQ02	S-V2500-2IA	
	V2530-AQ03	S-V2500-2IB	
	V2530-SQ02	S-V2500-2SA	
	V2530-SQ03	S-V2500-2SB	
	V2530-SQ04	S-V2500-2NA	
	V2530-SQ05	S-V2500-2NB	
	V2533-AQ02	S-V2500-5IA	
	V2533-AQ03	S-V2500-5IB	
	V2533-SQ02	S-V2500-5SA	
	V2533-SQ03	S-V2500-5SB	
	V2533-SQ04	S-V2500-5NA	
	V2533-SQ05	S-V2500-5NB	
EIPC — D5	V2525/V2528-AQ02	S-V2500-3IA	2A4426
	V2525/V2528-AQ03	S-V2500-3IB	
	V2525/V2528-AQ04	S-V2500-3IC	