SERVICE BULLETIN



ENGINE, FUEL AND CONTROL - HONEYWELL MAIN FUEL CONTROLS - REPLACEMENT OF THE BYPASS VALVE SLEEVE

1. PLANNING INFORMATION

A. Effectivity

(1) Engines

All Rolls-Royce Model RR300/A1 engines with Honeywell main fuel controls listed below are affected by this Service Bulletin (SB).

MODEL	HONEYWELL PART NUMBER	ROLLS-ROYCE PART NUMBER
DP-N2	2549196	RR30000454

B. Reason

To remove and replace the bypass valve sleeve in the specific main fuel control part numbers and serial numbers listed in this Service Bulletin.

C. Description

This Service Bulletin (SB) transmits the Honeywell Service Bulletin GT-73-363, which gives instructions for replacement of the bypass valve sleeve.

D. Approval

Technical aspects are FAA approved.

E. Compliance

Compliance Code 2: All Honeywell main fuel controls listed above must be updated in the next 600 hours from receipt of this Service Bulletin.

- F. Interchangeability Not affected
- G. Material Not affected
- H. Tooling Not applicable
- I. Weight and Balance Not affected
- J. Electrical Load Data Not affected
- K. References
 - (1) Honeywell Service Bulletin, GT-73-363.
 - (2) RR300 Operation and Maintenance Manual, CSP21009 (OMM).
- L. Other Publications Affected None
- M. Prerequisites None

April 9, 2012

RR300-73-005

EXPORT CONTROLLED

Rolls-Royce

SERVICE BULLETIN

- 2. ACCOMPLISHMENT INSTRUCTIONS
 - A. Remove the main fuel control unit (Ref. OMM).
 - B. Send the main fuel control unit to a Rolls-Royce or Honeywell authorized shop for rework.
 - C. Install the main fuel control (Ref. OMM).
 - D. Record Compliance
 - (1) Record compliance with this Service Bulletin in the applicable section of the Engine Log Book, engine assembly, and the main fuel control service accessory record, and SB Modification Record as applicable with the following:

RR300 SB 73-005

- 3. MATERIAL INFORMATION
 - A. Rework per Honeywell Service Bulletin GT-73-363.

CUSTOMER SUPPORT ROLLS-ROYCE

Honeywell

Honeywell International Inc. 3520 Westmoor Street South Bend, Indiana 46628-1373 U.S.A.

CAGE: 06848

Telephone: (800) 601-3099 (Toll Free U.S.A./Canada) Telephone: (602) 365-3099 (International Direct) Telephone: 00-800-601-30999 (EMEA Toll Free) Telephone: 420-234-625-500 (EMEA Direct)

Website: www.myaerospace.com

SERVICE BULLETIN

ENGINE FUEL AND CONTROL - MAIN FUEL CONTROL - Replacement of the Bypass Valve Sleeve, PN 2542086, in Rolls Royce C300 Main Fuel Controls in Field Return Units with Specific Serial Numbers

Legal Notice

Export Control

This document contains technical data and is subject to U.S. export regulations. These commodities, technology, or software were exported from the United States in accordance with the export administration regulations. Diversion contrary to U.S. law is prohibited.

ECCN: 9E991, NLR Eligible.

Proprietary Information

Honeywell - Confidential

THIS COPYRIGHTED WORK AND ALL INFORMATION ARE THE PROPERTY OF HONEYWELL INTERNATIONAL INC., CONTAIN TRADE SECRETS AND MAY NOT, IN WHOLE OR IN PART, BE USED, DUPLICATED, OR DISCLOSED FOR ANY PURPOSE WITHOUT PRIOR WRITTEN PERMISSION OF HONEYWELL INTERNATIONAL INC. ALL RIGHTS RESERVED.

Honeywell Materials License Agreement

The documents and information contained herein ("the Materials") are the proprietary data of Honeywell International Inc., and Honeywell Intellectual Properties Inc., (collectively "Honeywell"). These Materials are provided for the exclusive use of Honeywell Service Centers; Honeywell-authorized repair facilities; operators of Honeywell aerospace products subject to an applicable product support agreement, their wholly owned-subsidiaries or a formally designated third party service provider; and direct recipients of Materials from Honeywell's Aerospace Technical Publication Distribution. The terms and conditions of this License Agreement govern your use of these Materials, except to the extent that any terms and conditions of another applicable agreement with Honeywell regarding the operation, maintenance, or repair of Honeywell aerospace products conflict with the terms and conditions of this License Agreement, in which case the terms and conditions of the other agreement will govern. However, this License Agreement will govern in the event of a conflict between its terms and conditions and those of a purchase order or acknowledgement.

1. License Grant - If you are a party to an applicable product support agreement, a Honeywell Service Center agreement, or an authorized repair facility agreement, Honeywell hereby grants you a limited, non-exclusive license to use these Materials to operate, maintain, or repair Honeywell aerospace products only in accordance with that agreement.

GT

If you are a direct recipient of these Materials from Honeywell's Aerospace Technical Publication Distribution and are not a party to an agreement related to the operation, maintenance or repair of Honeywell aerospace products, Honeywell hereby grants you a limited, non-exclusive license to use these Materials to maintain or repair the subject Honeywell aerospace products only at the facility to which these Materials have been shipped ("the Licensed Facility"). Transfer of the Materials to another facility owned by you is permitted only if the original Licensed Facility retains no copies of the Materials and you provide prior written notice to Honeywell.

- 2. Rights In Materials Honeywell retains all rights in these Materials and in any copies thereof that are not expressly granted to you, including all rights in patents, copyrights, trademarks, and trade secrets. No license to use any Honeywell trademarks or patents is granted under this License Agreement.
- 3. Confidentiality You acknowledge that these Materials contain information that is confidential and proprietary to Honeywell. You agree to take all reasonable efforts to maintain the confidentiality of these Materials.
- 4. Assignment And Transfer This License Agreement may be assigned to a formally designated service designee or transferred to a subsequent owner or operator of an aircraft containing the subject Honeywell aerospace products. However, the recipient of any such assignment or transfer must assume all of your obligations under this License Agreement. No assignment or transfer shall relieve any party of any obligation that such party then has hereunder.
- 5. Copies of Materials Unless you have the express written permission of Honeywell, you may not make or permit making of copies of the Materials. Notwithstanding the foregoing, you may make copies of only portions of the Material for your internal use. You agree to return the Materials and any copies thereof to Honeywell upon the request of Honeywell.
- 6. Term This License Agreement is effective until terminated as set forth herein. This License Agreement will terminate immediately, without notice from Honeywell, if you fail to comply with any provision of this License Agreement or will terminate simultaneously with the termination or expiration of your applicable product support agreement, authorized repair facility agreement, or your formal designation as a third party service provider. Upon termination of this License Agreement, you will return these Materials to Honeywell without retaining any copies and will have one of your authorized officers certify that all Materials have been returned with no copies retained.
- 7. Remedies Honeywell reserves the right to pursue all available remedies and damages resulting from a breach of this License Agreement.
- 8. Limitation of Liability Honeywell does not make any representation regarding the use or sufficiency of the Materials. THERE ARE NO OTHER WARRANTIES, WHETHER WRITTEN OR ORAL, EXPRESS, IMPLIED OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, (i) WARRANTIES ARISING FROM COURSE OF PERFORMANCE, DEALING, USAGE, OR TRADE, WHICH ARE HEREBY EXPRESSLY DISCLAIMED, OR (ii) WARRANTIES AGAINST INFRINGEMENT OF INTELLECTUAL PROPERTY RIGHTS OF THIRD PARTIES, EVEN IF HONEYWELL HAS BEEN ADVISED OF ANY SUCH INFRINGEMENT. IN NO EVENT WILL HONEYWELL BE LIABLE FOR ANY INCIDENTAL DAMAGES, CONSEQUENTIAL DAMAGES, SPECIAL DAMAGES, INDIRECT DAMAGES, LOSS OF PROFITS, LOSS OF REVENUES, OR LOSS OF USE, EVEN IF INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. TO THE EXTENT PERMITTED BY APPLICABLE LAW, THESE LIMITATIONS AND EXCLUSIONS WILL APPLY REGARDLESS OF WHETHER LIABILITY ARISES FROM BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING BUT NOT LIMITED TO NEGLIGENCE), BY OPERATION OF LAW, OR OTHERWISE.
- 9. Controlling Law This License shall be governed and construed in accordance with the laws of the State of New York without regard to the conflicts of laws provisions thereof. This license sets forth the entire agreement between you and Honeywell and may only be modified by a writing duly executed by the duly authorized representatives of the parties.

GT

Safety Advisory

WARNING: BEFORE THE MATERIALS CALLED OUT IN THIS PUBLICATION ARE USED, KNOW THE HANDLING, STORAGE AND DISPOSAL PRECAUTIONS RECOMMENDED BY THE MANUFACTURER OR SUPPLIER. FAILURE TO OBEY THE MANUFACTURERS' OR SUPPLIERS' RECOMMENDATIONS CAN RESULT IN PERSONAL INJURY OR DISEASE.

This publication describes physical and chemical processes which can make it necessary to use chemicals, solvents, paints, and other commercially available materials. The user of this publication must get the Material Safety Data Sheets (OSHA Form 174 or equivalent) from the manufacturers or suppliers of the materials to be used. The user must know the manufacturer/supplier data and obey the procedures, recommendations, warnings and cautions set forth for the safe use, handling, storage, and disposal of the materials.

Warranty/Liability Advisory

WARNING: HONEYWELL ASSUMES NO RESPONSIBILITY FOR ANY HONEYWELL EQUIPMENT WHICH IS NOT MAINTAINED AND/OR REPAIRED IN ACCORDANCE WITH HONEYWELL'S PUBLISHED INSTRUCTIONS AND/OR HONEYWELL'S FAA/SFAR 36 REPAIR AUTHORIZATION. NEITHER DOES HONEYWELL ASSUME RESPONSIBILITY FOR SPECIAL TOOLS AND TEST EQUIPMENT FABRICATED BY COMPANIES OTHER THAN HONEYWELL.

WARNING: INCORRECTLY REPAIRED COMPONENTS CAN AFFECT AIRWORTHINESS OR DECREASE THE LIFE OF THE COMPONENTS. INCORRECTLY FABRICATED SPECIAL TOOLING OR TEST EQUIPMENT CAN RESULT IN DAMAGE TO THE PRODUCT COMPONENTS OR GIVE UNSATISFACTORY RESULTS.

Copyright - Notice

Copyright 2012 Honeywell International Inc. All rights reserved.

Honeywell is a registered trademark of Honeywell International Inc.

All other marks are owned by their respective companies.

GT

Transmittal Information

ATA Number GT-73-363 (Publication Number D201110000007)

Summary

This is the INITIAL release.

Revision History

This service bulletin has had no revision(s) as shown in Table 1.

Table 1. Revision History

Revision Number	Revision Date
Initial Release	29 Feb 2012

 $\ensuremath{\texttt{©}}$ Honeywell International Inc. Do not copy without express permission of Honeywell.

GT

1. Planning Information

A. Effectivity

(1) This service bulletin is applicable to the component(s) given in Table 2.

Table 2. Applicable Component(s)

Model Number	Honeywell PN
DP-N2	2549196

B. Concurrent Requirements

(1) Not applicable.

C. Reason

(1) To remove and replace the bypass valve sleeve, PN 2542086, in specific main fuel control part numbers and serial numbers as listed in Table 3

Table 3. Serial Numbers for Model DP-N2

PN	Serial Number
2549196-ISS1	HR60056
2549196-ISS1	HR60106
2549196-ISS1	HR60107
2549196-ISS1	HR60108
2549196-ISS1	HR60109
2549196-ISS1	HR60110
2549196-ISS1	HR60111
2549196-ISS1	HR60112
2549196-ISS1	HR60113
2549196-ISS1	HR60114
2549196-ISS1	HR60115
2549196-ISS1	HR60116
2549196-ISS1	HR60117
2549196-ISS1	HR60118
2549196-ISS1	HR60119
2549196-ISS1	HR60120
2549196-ISS1	HR60121
2549196-ISS1	HR60122
2549196-ISS1	HR60123
2549196-ISS1	HR60124

Table 3. Serial Numbers for Model DP-N2 (Cont)

	HR60125 HR60126
2549196-ISS1 F	HR60126
2549196-ISS1 F	HR60127
2549196-ISS1 F	HR60128
2549196-ISS1 F	HR60130
2549196-ISS1 F	HR60131
2549196-ISS1 F	HR60134
2549196-ISS1 F	HR60135
2549196-ISS1 F	HR60136
2549196-ISS1 F	HR60137
2549196-ISS1 F	HR60139
2549196-ISS1 F	HR60140
2549196-ISS1 F	HR60141
2549196-ISS1 F	HR60142
2549196-ISS1 F	HR60144
2549196-ISS1 F	HR60132
2549196-ISS1 H	HR60133
2549196-ISS1 F	HR60145
2549196-ISS1 H	HR60146
2549196-ISS1	HR60147
2549196-ISS1 H	HR60148
2549196-ISS1 H	HR60149
2549196-ISS1 H	HR60150
2549196-ISS1 H	HR60151
2549196-ISS1 H	HR60152
2549196-ISS1 H	HR60153
2549196-ISS1 H	HR60154
2549196-ISS1 H	HR60155
2549196-ISS1 H	HR60156
2549196-ISS1 H	HR60157
2549196-ISS1 H	HR60159

Table 3. Serial Numbers for Model DP-N2 (Cont)

PN	Serial Number
2549196-ISS1	HR60160
2549196-ISS1	HR60161
2549196-ISS1	HR60162
2549196-ISS1	HR60163
2549196-ISS1	HR60164
2549196-ISS1	HR60165
2549196-ISS1	HR60166
2549196-ISS1	HR60167
2549196-ISS1	HR60168
2549196-ISS1	HR60169
2549196-ISS1	HR60170
2549196-ISS1	HR60171
2549196-ISS1	HR60172
2549196-ISS1	HR60173
2549196-ISS1	HR60175
2549196-ISS1	HR60176
2549196-ISS1	HR60177
2549196-ISS1	HR60178
2549196-ISS1	HR60179
2549196-ISS1	HR60180
2549196-ISS1	HR60181
2549196-ISS1	HR60182
2549196-ISS1	HR60183
2549196-ISS1	HR60184
2549196-ISS1	HR60185
2549196-ISS1	HR60186
2549196-ISS1	HR60187
2549196-ISS1	HR60188
2549196-ISS1	HR60189
2549196-ISS1	HR60190
2549196-ISS1	HR60192

Table 3. Serial Numbers for Model DP-N2 (Cont)

2549196-ISS1 HR60193 2549196-ISS1 HR60194 2549196-ISS1 HR60195 2549196-ISS1 HR60196 2549196-ISS1 HR60197 2549196-ISS1 HR60198 2549196-ISS1 HR60199 2549196-ISS1 HR60200 2549196-ISS1 HR60201 2549196-ISS1 HR60202 2549196-ISS1 HR60203 2549196-ISS1 HR60203 2549196-ISS1 HR60204 2549196-ISS1 HR60205 2549196-ISS1 HR60206 2549196-ISS1 HR60207 2549196-ISS1 HR60208 2549196-ISS1 HR60209 2549196-ISS1 HR60210 2549196-ISS1 HR60211 2549196-ISS1 HR60212 2549196-ISS1 HR60213 2549196-ISS1 HR60214 2549196-ISS1 HR60218 2549196-ISS1 HR60219 2549196-ISS1 HR60219 2549196-ISS1 HR60221 2549196-ISS1	PN	Serial Number
2549196-ISS1	2549196-ISS1	HR60193
2549196-ISS1 HR60197 2549196-ISS1 HR60198 2549196-ISS1 HR60199 2549196-ISS1 HR60200 2549196-ISS1 HR60201 2549196-ISS1 HR60202 2549196-ISS1 HR60203 2549196-ISS1 HR60204 2549196-ISS1 HR60205 2549196-ISS1 HR60206 2549196-ISS1 HR60207 2549196-ISS1 HR60208 2549196-ISS1 HR60209 2549196-ISS1 HR60210 2549196-ISS1 HR60210 2549196-ISS1 HR60211 2549196-ISS1 HR60212 2549196-ISS1 HR60213 2549196-ISS1 HR60214 2549196-ISS1 HR60218 2549196-ISS1 HR60218 2549196-ISS1 HR60219 2549196-ISS1 HR60220 2549196-ISS1 HR60221 2549196-ISS1 HR60222 2549196-ISS1 HR60223 2549196-ISS1 HR60223 2549196-ISS1 HR60224	2549196-ISS1	HR60194
2549196-ISS1 HR60198 2549196-ISS1 HR60199 2549196-ISS1 HR60200 2549196-ISS1 HR60201 2549196-ISS1 HR60202 2549196-ISS1 HR60203 2549196-ISS1 HR60204 2549196-ISS1 HR60205 2549196-ISS1 HR60206 2549196-ISS1 HR60207 2549196-ISS1 HR60207 2549196-ISS1 HR60208 2549196-ISS1 HR60209 2549196-ISS1 HR60210 2549196-ISS1 HR60211 2549196-ISS1 HR60211 2549196-ISS1 HR60213 2549196-ISS1 HR60213 2549196-ISS1 HR60214 2549196-ISS1 HR60215 2549196-ISS1 HR60218 2549196-ISS1 HR60219 2549196-ISS1 HR60219 2549196-ISS1 HR60220 2549196-ISS1 HR60221 2549196-ISS1 HR60222 2549196-ISS1 HR60223 2549196-ISS1 HR60223 2549196-ISS1 HR60224 </td <td>2549196-ISS1</td> <td>HR60195</td>	2549196-ISS1	HR60195
2549196-ISS1 HR60198 2549196-ISS1 HR60200 2549196-ISS1 HR60201 2549196-ISS1 HR60202 2549196-ISS1 HR60203 2549196-ISS1 HR60204 2549196-ISS1 HR60205 2549196-ISS1 HR60206 2549196-ISS1 HR60207 2549196-ISS1 HR60208 2549196-ISS1 HR60209 2549196-ISS1 HR60209 2549196-ISS1 HR60210 2549196-ISS1 HR60211 2549196-ISS1 HR60212 2549196-ISS1 HR60213 2549196-ISS1 HR60213 2549196-ISS1 HR60214 2549196-ISS1 HR60215 2549196-ISS1 HR60218 2549196-ISS1 HR60219 2549196-ISS1 HR60220 2549196-ISS1 HR60221 2549196-ISS1 HR60222 2549196-ISS1 HR60223 2549196-ISS1 HR60224	2549196-ISS1	HR60196
2549196-ISS1 HR60199 2549196-ISS1 HR60200 2549196-ISS1 HR60201 2549196-ISS1 HR60202 2549196-ISS1 HR60203 2549196-ISS1 HR60204 2549196-ISS1 HR60205 2549196-ISS1 HR60206 2549196-ISS1 HR60207 2549196-ISS1 HR60208 2549196-ISS1 HR60209 2549196-ISS1 HR60210 2549196-ISS1 HR60211 2549196-ISS1 HR60212 2549196-ISS1 HR60213 2549196-ISS1 HR60214 2549196-ISS1 HR60215 2549196-ISS1 HR60218 2549196-ISS1 HR60219 2549196-ISS1 HR60220 2549196-ISS1 HR60221 2549196-ISS1 HR60222 2549196-ISS1 HR60223 2549196-ISS1 HR60224	2549196-ISS1	HR60197
2549196-ISS1 HR60200 2549196-ISS1 HR60202 2549196-ISS1 HR60203 2549196-ISS1 HR60204 2549196-ISS1 HR60205 2549196-ISS1 HR60206 2549196-ISS1 HR60207 2549196-ISS1 HR60208 2549196-ISS1 HR60209 2549196-ISS1 HR60210 2549196-ISS1 HR60211 2549196-ISS1 HR60211 2549196-ISS1 HR60212 2549196-ISS1 HR60213 2549196-ISS1 HR60214 2549196-ISS1 HR60215 2549196-ISS1 HR60218 2549196-ISS1 HR60219 2549196-ISS1 HR60220 2549196-ISS1 HR60221 2549196-ISS1 HR60222 2549196-ISS1 HR60222 2549196-ISS1 HR60223 2549196-ISS1 HR60224	2549196-ISS1	HR60198
2549196-ISS1 HR60202 2549196-ISS1 HR60203 2549196-ISS1 HR60204 2549196-ISS1 HR60205 2549196-ISS1 HR60206 2549196-ISS1 HR60207 2549196-ISS1 HR60208 2549196-ISS1 HR60209 2549196-ISS1 HR60210 2549196-ISS1 HR60211 2549196-ISS1 HR60212 2549196-ISS1 HR60213 2549196-ISS1 HR60213 2549196-ISS1 HR60214 2549196-ISS1 HR60215 2549196-ISS1 HR60218 2549196-ISS1 HR60219 2549196-ISS1 HR60220 2549196-ISS1 HR60221 2549196-ISS1 HR60222 2549196-ISS1 HR60223 2549196-ISS1 HR60224	2549196-ISS1	HR60199
2549196-ISS1 HR60203 2549196-ISS1 HR60204 2549196-ISS1 HR60205 2549196-ISS1 HR60206 2549196-ISS1 HR60207 2549196-ISS1 HR60208 2549196-ISS1 HR60209 2549196-ISS1 HR60210 2549196-ISS1 HR60211 2549196-ISS1 HR60212 2549196-ISS1 HR60213 2549196-ISS1 HR60213 2549196-ISS1 HR60214 2549196-ISS1 HR60215 2549196-ISS1 HR60218 2549196-ISS1 HR60219 2549196-ISS1 HR60219 2549196-ISS1 HR60220 2549196-ISS1 HR60221 2549196-ISS1 HR60222 2549196-ISS1 HR60223 2549196-ISS1 HR60224	2549196-ISS1	HR60200
2549196-ISS1 HR60203 2549196-ISS1 HR60204 2549196-ISS1 HR60205 2549196-ISS1 HR60206 2549196-ISS1 HR60207 2549196-ISS1 HR60208 2549196-ISS1 HR60209 2549196-ISS1 HR60210 2549196-ISS1 HR60211 2549196-ISS1 HR60212 2549196-ISS1 HR60213 2549196-ISS1 HR60214 2549196-ISS1 HR60215 2549196-ISS1 HR60215 2549196-ISS1 HR60215 2549196-ISS1 HR60215 2549196-ISS1 HR60215 2549196-ISS1 HR60218 2549196-ISS1 HR60219 2549196-ISS1 HR60220 2549196-ISS1 HR60221 2549196-ISS1 HR60221 2549196-ISS1 HR60222 2549196-ISS1 HR60223 2549196-ISS1 HR60223	2549196-ISS1	HR60201
2549196-ISS1 HR60204 2549196-ISS1 HR60206 2549196-ISS1 HR60207 2549196-ISS1 HR60208 2549196-ISS1 HR60209 2549196-ISS1 HR60210 2549196-ISS1 HR60211 2549196-ISS1 HR60212 2549196-ISS1 HR60213 2549196-ISS1 HR60214 2549196-ISS1 HR60215 2549196-ISS1 HR60215 2549196-ISS1 HR60218 2549196-ISS1 HR60219 2549196-ISS1 HR60219 2549196-ISS1 HR60220 2549196-ISS1 HR60221 2549196-ISS1 HR60222 2549196-ISS1 HR60223 2549196-ISS1 HR60224	2549196-ISS1	HR60202
2549196-ISS1 HR60205 2549196-ISS1 HR60207 2549196-ISS1 HR60208 2549196-ISS1 HR60208 2549196-ISS1 HR60209 2549196-ISS1 HR60210 2549196-ISS1 HR60211 2549196-ISS1 HR60212 2549196-ISS1 HR60213 2549196-ISS1 HR60214 2549196-ISS1 HR60215 2549196-ISS1 HR60215 2549196-ISS1 HR60215 2549196-ISS1 HR60215 2549196-ISS1 HR60218 2549196-ISS1 HR60218 2549196-ISS1 HR60219 2549196-ISS1 HR60220 2549196-ISS1 HR60221 2549196-ISS1 HR60221 2549196-ISS1 HR60221 2549196-ISS1 HR60221 2549196-ISS1 HR60222 2549196-ISS1 HR60223 2549196-ISS1 HR60223	2549196-ISS1	HR60203
2549196-ISS1 HR60206 2549196-ISS1 HR60208 2549196-ISS1 HR60209 2549196-ISS1 HR60210 2549196-ISS1 HR60211 2549196-ISS1 HR60212 2549196-ISS1 HR60213 2549196-ISS1 HR60214 2549196-ISS1 HR60215 2549196-ISS1 HR60218 2549196-ISS1 HR60219 2549196-ISS1 HR60220 2549196-ISS1 HR60221 2549196-ISS1 HR60222 2549196-ISS1 HR60222 2549196-ISS1 HR60223 2549196-ISS1 HR60224	2549196-ISS1	HR60204
2549196-ISS1 HR60207 2549196-ISS1 HR60208 2549196-ISS1 HR60209 2549196-ISS1 HR60210 2549196-ISS1 HR60211 2549196-ISS1 HR60212 2549196-ISS1 HR60213 2549196-ISS1 HR60214 2549196-ISS1 HR60215 2549196-ISS1 HR60218 2549196-ISS1 HR60219 2549196-ISS1 HR60220 2549196-ISS1 HR60221 2549196-ISS1 HR60222 2549196-ISS1 HR60223 2549196-ISS1 HR60224	2549196-ISS1	HR60205
2549196-ISS1 HR60208 2549196-ISS1 HR60209 2549196-ISS1 HR60210 2549196-ISS1 HR60211 2549196-ISS1 HR60212 2549196-ISS1 HR60213 2549196-ISS1 HR60214 2549196-ISS1 HR60215 2549196-ISS1 HR60218 2549196-ISS1 HR60219 2549196-ISS1 HR60220 2549196-ISS1 HR60221 2549196-ISS1 HR60222 2549196-ISS1 HR60223 2549196-ISS1 HR60224	2549196-ISS1	HR60206
2549196-ISS1 HR60209 2549196-ISS1 HR60210 2549196-ISS1 HR60211 2549196-ISS1 HR60212 2549196-ISS1 HR60213 2549196-ISS1 HR60214 2549196-ISS1 HR60215 2549196-ISS1 HR60218 2549196-ISS1 HR60219 2549196-ISS1 HR60220 2549196-ISS1 HR60221 2549196-ISS1 HR60222 2549196-ISS1 HR60223 2549196-ISS1 HR60224	2549196-ISS1	HR60207
2549196-ISS1 HR60210 2549196-ISS1 HR60211 2549196-ISS1 HR60212 2549196-ISS1 HR60213 2549196-ISS1 HR60214 2549196-ISS1 HR60215 2549196-ISS1 HR60218 2549196-ISS1 HR60219 2549196-ISS1 HR60220 2549196-ISS1 HR60221 2549196-ISS1 HR60221 2549196-ISS1 HR60222 2549196-ISS1 HR60223 2549196-ISS1 HR60223	2549196-ISS1	HR60208
2549196-ISS1 HR60212 2549196-ISS1 HR60213 2549196-ISS1 HR60214 2549196-ISS1 HR60215 2549196-ISS1 HR60215 2549196-ISS1 HR60218 2549196-ISS1 HR60219 2549196-ISS1 HR60220 2549196-ISS1 HR60221 2549196-ISS1 HR60221 2549196-ISS1 HR60222 2549196-ISS1 HR60223 2549196-ISS1 HR60224	2549196-ISS1	HR60209
2549196-ISS1 HR60212 2549196-ISS1 HR60213 2549196-ISS1 HR60214 2549196-ISS1 HR60215 2549196-ISS1 HR60218 2549196-ISS1 HR60219 2549196-ISS1 HR60220 2549196-ISS1 HR60221 2549196-ISS1 HR60222 2549196-ISS1 HR60223 2549196-ISS1 HR60224	2549196-ISS1	HR60210
2549196-ISS1 HR60213 2549196-ISS1 HR60214 2549196-ISS1 HR60215 2549196-ISS1 HR60218 2549196-ISS1 HR60219 2549196-ISS1 HR60220 2549196-ISS1 HR60221 2549196-ISS1 HR60221 2549196-ISS1 HR60222 2549196-ISS1 HR60223 2549196-ISS1 HR60224	2549196-ISS1	HR60211
2549196-ISS1 HR60215 2549196-ISS1 HR60218 2549196-ISS1 HR60218 2549196-ISS1 HR60219 2549196-ISS1 HR60220 2549196-ISS1 HR60221 2549196-ISS1 HR60222 2549196-ISS1 HR60222 2549196-ISS1 HR60223 2549196-ISS1 HR60224	2549196-ISS1	HR60212
2549196-ISS1 HR60215 2549196-ISS1 HR60218 2549196-ISS1 HR60219 2549196-ISS1 HR60220 2549196-ISS1 HR60221 2549196-ISS1 HR60222 2549196-ISS1 HR60223 2549196-ISS1 HR60224	2549196-ISS1	HR60213
2549196-ISS1 HR60218 2549196-ISS1 HR60220 2549196-ISS1 HR60221 2549196-ISS1 HR60222 2549196-ISS1 HR60222 2549196-ISS1 HR60223 2549196-ISS1 HR60224	2549196-ISS1	HR60214
2549196-ISS1 HR60219 2549196-ISS1 HR60220 2549196-ISS1 HR60221 2549196-ISS1 HR60222 2549196-ISS1 HR60223 2549196-ISS1 HR60224	2549196-ISS1	HR60215
2549196-ISS1 HR60220 2549196-ISS1 HR60221 2549196-ISS1 HR60222 2549196-ISS1 HR60223 2549196-ISS1 HR60224	2549196-ISS1	HR60218
2549196-ISS1 HR60221 2549196-ISS1 HR60222 2549196-ISS1 HR60223 2549196-ISS1 HR60224	2549196-ISS1	HR60219
2549196-ISS1 HR60222 2549196-ISS1 HR60223 2549196-ISS1 HR60224	2549196-ISS1	HR60220
2549196-ISS1 HR60223 2549196-ISS1 HR60224	2549196-ISS1	HR60221
2549196-ISS1 HR60224	2549196-ISS1	HR60222
	2549196-ISS1	HR60223
2549196-ISS1 HR60225	2549196-ISS1	HR60224
	2549196-ISS1	HR60225

Table 3. Serial Numbers for Model DP-N2 (Cont)

PN	Serial Number
2549196-ISS1	HR60226
2549196-ISS1	HR60227
2549196-ISS1	HR60228
2549196-ISS1	HR60229
2549196-ISS1	HR60234
2549196-ISS1	HR60235
2549196-ISS1	HR60236
2549196-ISS1	HR60237
2549196-ISS1	HR60238
2549196-ISS1	HR60263
2549196-ISS1	HR60264
2549196-ISS1	HR60265
2549196-ISS1	HR60268
2549196-ISS1	HR60270
2549196-ISS1	HR60271
2549196-ISS1	HR60272
2549196-ISS1	HR60273
2549196-ISS1	HR60274
2549196-ISS1	HR60275
2549196-ISS1	HR60284
2549196-ISS1	HR60299
2549196-ISS1	HR60337
2549196-ISS1	HR60349
2549196-ISS1	HR60374
2549196-ISS1	HR60387
2549196-ISS1	HR60388
2549196-ISS1	HR60389
2549196-ISS1	HR60391
2549196-ISS1	HR60392
2549196-ISS1	HR60394
2549196-ISS1	HR60395

GT

Table 3. Serial Numbers for Model DP-N2 (Cont)

PN	Serial Number
2549196-ISS1	HR60396
2549196-ISS1	HR60399
2549196-ISS1	HR60400
2549196-ISS1	HR60401
2549196-ISS1	HR60402
2549196-ISS1	HR60403
2549196-ISS1	HR60404
2549196-ISS1	HR60405
2549196-ISS1	HR60406
2549196-ISS1	HR60410
2549196-ISS1	HR60411
2549196-ISS1	HR60412
2549196-ISS1	HR60413
2549196-ISS1	HR60414
2549196-ISS1	HR60415
2549196-ISS1	HR60416
2549196-ISS1	HR60417
2549196-ISS1	HR60418
2549196-ISS1	HR60419
2549196-ISS1	HR60420
2549196-ISS1	HR60421
2549196-ISS1	HR60422
2549196-ISS1	HR60423
2549196-ISS1	HR60424

D. Description

(1) This service bulletin gives the instructions for replacement of the bypass valve sleeve, PN 2542086.

E. Compliance

(1) All fielded units with serial numbers listed in Table 3 of this service bulletin must have the bypass valve sleeve, PN 2542086, replaced with a new bypass valve sleeve within 600 hours of receipt of this service bulletin.

GT

F. Approval

(1) This service bulletin has been reviewed by Federal Aviation Administration (FAA). The inspection herein obeys the applicable Federal Aviation Regulations and are FAA approved for installation on the Rolls Royce C300 series Model DP-N2 main fuel controls.

G. Manpower

(1) The time estimate to disassemble, reassemble, and recalibrate the main fuel control is 9.0 man-hour(s).

H. Weight and Balance

(1) None.

I. Electrical Load Data

(1) Not changed.

J. Software Accomplishment Summary

(1) Not applicable.

K. References

- (1) Publications.
 - (a) The Honeywell publication(s) used to do this service bulletin is/are given in Table 4.

Table 4. Honeywell Publication(s)

	Component Maintenance Manual				
Outline PN	ATA Number Publication Number Revision				
2549196	73-23-00	D200912000023	0		

L. Other Publications Affected

(1) Same as the publication(s) given in Paragraph 1.K.(1).

M. Interchangeability or Intermixability of Parts

(1) Not applicable.

GT

2. <u>Material Information</u>

A. Material - Price and Availability

- (1) The kit necessary to complete this service bulletin is listed in Table 5 of Paragraph 2.C. of this service bulletin.
- (2) The components listed in Table 5 are contained in kit, PN 648064. Use only this kit for compliance with this service bulletin. Do not use parts from your inventory or order the parts separately.
- (3) In addition to the basic parts kit listed in Table 5, a new identification plate will need to be procured for each main fuel control worked. Refer to Table 6.
- (4) For a quote on the current kit price, contact:

Air Parts & Supply Company 12840 S.W. 84th Avenue Road, Miami, FL 33156

Telephone: (305) 235-5401

FAX: (305) 235-8185 or (305) 235-1645

B. Industry Support Information

- (1) This service bulletin is covered under Honeywell warranty and covers only the kit listed in Table 5, the identification plate listed in Table 6, and calibration requirements according to this service bulletin. Other work or repairs performed over and above the requirements of this service bulletin are not covered under this warranty condition.
- (2) Honeywell Authorized Warranty and Repair Stations (AWARS) will submit claims on behalf of the customer. Repair stations should submit the warranty claim to:

Honeywell International Inc.,

Attn: Warranty Administration

3520 Westmoor Street

South Bend Indiana 46628

U. S. A.

(3) Refer all warranty questions to the Warranty Claim Administrator.

Telephone: (574) 231-2295

Fax: (574)231-2702

John E. Burus@ honeywell.com

(4) All warranty claims must be completed and filed within 30 days of the work.

C. Material Necessary for Each Component

- (1) Refer to Table 5 for the parts to be replaced and that are included in the kit, PN 648064. Refer to Table 7 for the Instructions/Disposition Codes.
- (2) Refer to Table 6 for the new identification plate.

GT

Table 5. Kit, PN 648064, and Included Parts

New PN	Keyword/Nomenclature	Old PN	Qty	Unit Price	Instructions/ Disposition Codes
648064	Bypass valve sleeve campaign kit Kit consists of:	NA	1	NA	
379-S-26 ¹	Packing	379-S-26	1	NA	B, T
317-S-6 ¹	Packing	317-S-6	1	NA	B, T
317-S-7 ¹	Packing	317-S-7	1	NA	B, T
2525104 ¹	Gasket	2525104	1	NA	B, T
2542086 ¹	Bypass valve sleeve	2542086	1	NA	B, T

NOTE:

1. Part is included in the bypass valve sleeve campaign kit, PN 648064.

Table 6. Purchased Material

New PN	Keyword/Nomenclature	Old PN	Qty	Unit Price	Instructions/ Disposition Codes
2542371	Identification plate	NA	1	NA	В

Table 7. Instructions/Disposition Codes

Code	Description
Disposition Code B	Replaced part.
Disposition Code T	New part included in kit, PN 648064.

- D. Material Necessary for Each Spare
 - (1) Not applicable.
- E. Reidentified Parts
 - (1) Not applicable.
- F. Tooling Price and Availability
 - (1) Not applicable.

GT

3. <u>Accomplishment Instructions</u>

A. General Information

<u>CAUTION</u>: DO THESE PROCEDURES IN A CLEAN ENVIRONMENT TO PREVENT DAMAGE TO MECHANICAL COMPONENTS.

- (1) Obey the precautions.
- (2) The manual(s) given in Paragraph 1.K. of this service bulletin contain the disassembly, cleaning, check, assembly, and test instructions. This/These manual(s) must be used to complete this service bulletin.
- (3) Follow all instructions in the CMM related to the precautions against contamination for cleaning, disassembly, and assembly.

B. Disassembly of the Main Fuel Control

- (1) Refer to the DISASSEMBLY section of the CMM listed in Paragraph 1.K.(1) to do this service bulletin.
- (2) Disassemble the main fuel control, as necessary, to remove the bypass valve sleeve, PN 2542086.
 - (a) Remove the packings, PN 317-S-6, PN 317-S-7, and PN 379-S-26, and gasket, PN 2525104.
 - (b) Discard the packings and gasket.

C. Disposition of Parts

(1) Refer to Industry Support Information in Paragraph 2.B.

D. Assemble the Main Fuel Control

- (1) Refer to the ASSEMBLY section of the CMM listed in Paragraph 1.K.(1) to do this service bulletin.
- (2) Follow all instructions in the CMM related to precautions against contamination for assembly.
- (3) Refer to the CMM, illustrated parts list (IPL), and detailed parts list (DPL) section for verification and location of the replacement parts listed in Table 5.
- (4) Complete the Work Record in the Appendix, Paragraph 4, and send to Honeywell as indicated.

E. Testing of the Main Fuel Control

(1) Refer to the TESTING AND FAULT ISOLATION section of the CMM listed in Paragraph 1.K.(1) to do this service bulletin.

F. Identification of the Main Fuel Control

- (1) Use a metal stamp (or equivalent method) to add the letter "Y" as the identifier to indicate compliance with this service bulletin on the component identification plate.
- (2) Put the letter "Y" after the Honeywell part number on the component identification plate.
- (3) If the letter "Y" cannot be stamped after the Honeywell part number because of space limitation, put the letter "Y" in the optional location in the lower

GT

left area on the component identification plate as shown in Figure 1.

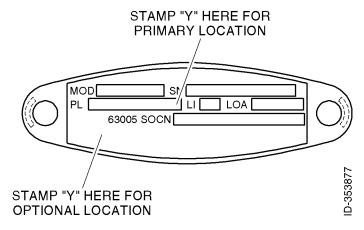


Figure 1. (Sheet 1 of 1) Identification of the Main Fuel Control

(4) If the manual engraving identification method is used, engraving can be done with the identification plate installed on the main fuel control. Refer to AS478 Method Number 3A, Manual Engrave.

CAUTION:

DO NOT STAMP THE IDENTIFICATION MARKINGS ON THE IDENTIFICATION PLATE WHILE IT IS INSTALLED ON THE MAIN FUEL CONTROL BODY. THE FORCE NEEDED TO STAMP THE MARK ON THE IDENTIFICATION PLATE CAN CAUSE DAMAGE TO THE MAIN FUEL CONTROL BODY OR THE IDENTIFICATION PLATE.

(5) If the hammer stamp identification method is used, the identification plate must be removed from the main fuel control before stamping. Refer to AS478 Method Number 2A1, Shallow Hammer Metal Stamp.

GT

4. Appendix

A. Appendix A, Work Record

(1) Record unit compliance on the attached Work Record. Send the completed Work Record to the email address on the form.

GT

Work Record							
Send a copy of the completed Work Record to:		Linda Gray		W/O Number	Date		
***** Store Original Work Record in Work Record File for Traceability. *****							
Authorized Warranty & Repair Station:		Operator:	Operator:				
SN of Unit:		LOA Code:	LOA Code:				
HONEYWELL PART NUMBER IN:			HONEYWELL PART NUMBER OUT:				
SERVICE BULLETIN NUMBER(S) INCORPORATED:		S/N OF BE	S/N OF BEARING:		IDENTIFICATION PLATE REIDENTIFIED PER FIGURE 1 YES NO		
TYPE OF HOURS							
TIME SINCE OVERHAULED (TSO):		NEW	TIME SINCE NEW (TSN):				
REMOVAL REASON							
RESULTS / FINDINGS / O	THER WORK	ACCOMPLISHED)				
CREDIT ISSUED TO CUSTOMER		CREDIT HELD ON BOOKS			PROCESSING FEE CLAIMED		

Figure 2. (Sheet 1 of 1) Work Record