

SERVICE BULLETIN

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TECHNICAL PORTIONS
FAA APPROVED

SUBJECT: Removal and Replacement of Part No. AN6270-2D-0216 and AN6270-2D-0134 Hoses.

PURPOSE: To notify owners, operators, distributors, and maintenance facilities of potential air reference line leakage

COMPLIANCE: During the next 50-Hour Inspection or next unscheduled maintenance event.

MODELS

AFFECTED: New or Rebuilt: TSIO-550-K and service spares

I. GENERAL INFORMATION

A supplier discovered potentially non-conforming collar assemblies on a limited number of #2 AN hose assemblies received by Continental between September 2024 and February 2025. These hoses are assembled with specialized equipment; field repair of the hoses is not practical. The hoses are used as manifold pressure reference lines between the induction manifold and wastegate (slope) controller assembly (see Figure 1).

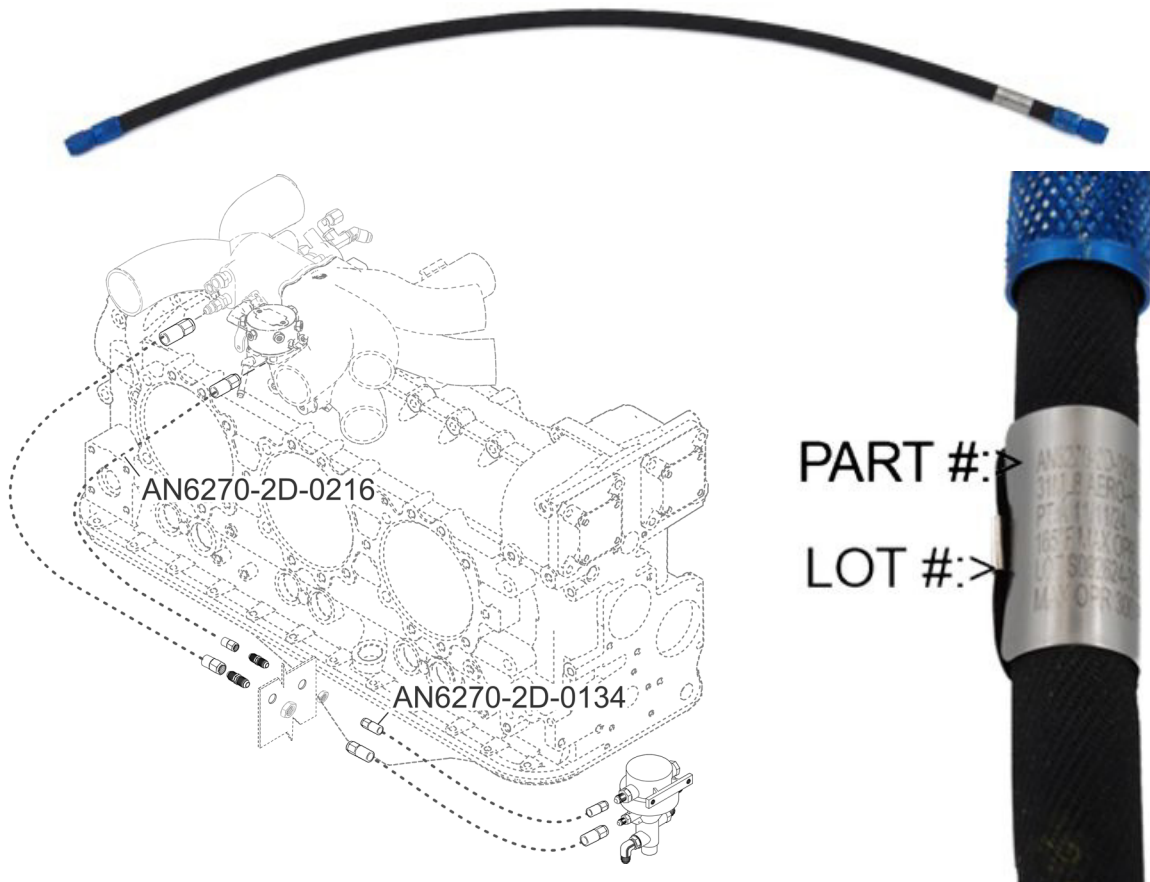


Figure 1. Air Reference Hoses

ISSUED
2025/05/09

REVISED
2025/06/05



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REVISION
A

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II. AFFECTED ENGINE SERIAL NUMBERS

1043428	1046995	1047189	1047367	1047565	1047863	1047969	1048158
1044028	1047004	1047190	1047377	1047620	1047864	1047970	1048159
1046229	1047005	1047191	1047378	1047626	1047865	1047996	1048160
1046437	1047006	1047193	1047387	1047627	1047868	1047997	1048161
1046615	1047007	1047212	1047388	1047628	1047871	1048002	1048162
1046636	1047012	1047213	1047395	1047629	1047872	1048003	1048163
1046684	1047013	1047215	1047396	1047645	1047873	1048004	1048164
1046686	1047014	1047216	1047404	1047646	1047885	1048005	1048165
1046687	1047020	1047222	1047405	1047647	1047886	1048006	1048190
1046688	1047021	1047223	1047408	1047648	1047887	1048007	1048191
1046689	1047022	1047224	1047409	1047653	1047888	1048008	1048192
1046710	1047027	1047228	1047414	1047654	1047889	1048009	1048193
1046711	1047028	1047229	1047415	1047655	1047890	1048010	1048194
1046712	1047029	1047234	1047423	1047672	1047891	1048011	1048195
1046721	1047042	1047235	1047424	1047673	1047894	1048012	1048219
1046722	1047043	1047236	1047429	1047674	1047895	1048013	1048220
1046732	1047051	1047243	1047430	1047675	1047896	1048014	1048221
1046768	1047052	1047244	1047438	1047755	1047897	1048019	1048222
1046787	1047060	1047245	1047439	1047756	1047898	1048020	1048223
1046788	1047061	1047253	1047441	1047757	1047899	1048022	1048224
1046793	1047083	1047256	1047442	1047758	1047909	1048049	1048225
1046799	1047084	1047257	1047448	1047759	1047910	1048050	1048226
1046800	1047086	1047264	1047449	1047760	1047911	1048051	1048227
1046806	1047087	1047265	1047456	1047761	1047912	1048052	1048228
1046807	1047095	1047273	1047457	1047762	1047913	1048053	1048229
1046808	1047096	1047274	1047506	1047763	1047914	1048054	1048230
1046809	1047105	1047283	1047507	1047764	1047915	1048055	1048242
1046814	1047106	1047284	1047515	1047765	1047916	1048056	1048243
1046815	1047114	1047292	1047516	1047766	1047917	1048057	1048258
1046819	1047116	1047293	1047517	1047795	1047918	1048058	1048259
1046820	1047117	1047327	1047524	1047796	1047919	1048059	1048260
1046821	1047125	1047328	1047525	1047797	1047920	1048060	1048261
1046882	1047126	1047329	1047532	1047798	1047921	1048061	1048262
1046884	1047127	1047330	1047533	1047799	1047922	1048062	1048263
1046890	1047128	1047343	1047534	1047800	1047923	1048063	1048264
1046984	1047135	1047344	1047544	1047827	1047961	1048064	1048265
1046985	1047136	1047347	1047545	1047828	1047962	1048129	1048266
1046989	1047137	1047348	1047546	1047829	1047963	1048130	1048267
1046990	1047139	1047356	1047551	1047830	1047964	1048131	1048268
1046991	1047142	1047357	1047552	1047831	1047965	1048138	1048274
1046992	1047148	1047358	1047553	1047832	1047966	1048139	1048283
1046993	1047174	1047359	1047563	1047861	1047967	1048141	1048284
1046994	1047175	1047366	1047564	1047862	1047968	1048157	1048285

Affected Serial Numbers, continued

1048286	1048307	1048341	1048362	1048454	1048497	1048571	1048623
1048287	1048308	1048342	1048363	1048456	1048531	1048572	1048624
1048288	1048309	1048343	1048364	1048477	1048532	1048573	1048625
1048289	1048310	1048344	1048365	1048478	1048534	1048588	1048626
1048290	1048314	1048352	1048369	1048479	1048536	1048589	1048628
1048291	1048315	1048353	1048370	1048480	1048538	1048590	1048650
1048292	1048316	1048354	1048371	1048481	1048540	1048591	1048653
1048293	1048317	1048355	1048372	1048492	1048566	1048592	
1048294	1048318	1048356	1048373	1048493	1048567	1048593	
1048295	1048319	1048357	1048374	1048494	1048568	1048620	
1048305	1048339	1048360	1048450	1048495	1048569	1048621	
1048306	1048340	1048361	1048452	1048496	1048570	1048622	

III. REMOVAL AND REPLACEMENT

For engines listed in Section II, “Affected Engine Serial numbers”, remove the affected hoses according to the instructions in Section 12-4 of M-18, TSIO-550 Maintenance and Overhaul Manual. Install the replacement hoses according to the instructions in Section 17-12 of M-18. Perform a Flight Check according to the instructions in Section 7-2.3.2 of M-18, TSIO-550 Maintenance and Overhaul Manual to verify proper engine operation after hose replacement.

The hose manufacturer attaches a stainless steel tag to each hose with the part number and lot number - this tag may be removed after installation but should remain intact if purchased as a spare until installation. Reference Table 1 for Part No. and Lot Number of affected hoses.

Remove and replace hoses, regardless of condition if:

- Affected hoses (Table 1) were installed by service action between September 2024 and February 2025,
- If either Part No. hose(s) was replaced by service action between September 2024 and February 2025 and the Lot Number cannot be determined,
- Hose purchased as service spares: determine if parts are affected (Table 1). Return affected units to Continental for replacement.

Table 1. Affected Hose Lot Numbers

Part Number	Lot Numbers
AN6270-2D-0216	S082524-3CS0916, S082624-3CS0920, S082624-3CS1106
AN6270-2D-0134	S082624-11CS1106, S082624-11CS1107

Record compliance in the engine log book.

IV. WARRANTY

For reimbursement, contact Continental Customer Support at one of the numbers listed below for return merchandise authorization (RMA). Return all removed Part No. AN6270-2D-0216 and AN6270-2D-0134.

Standard warranty practices apply. Visit the Continental web site at www.continental.aero to obtain copies of Continental Warranty Policies. Continental reserves the right to request copies of invoices and maintenance records to verify warranty applicability.

Complete and email a copy of the linked [Compliance Form](#), along with a copy of the work invoice (*and a copy of the repair agency's W-9 if the repairs are accomplished by a repair facility in the Continental United States*) upon completion for reimbursement. Continental reserves the right to request copies of invoices and maintenance records to verify warranty applicability.

Contact Continental Technical Services at one of the numbers listed below if you have any questions concerning the technical content of this Service Document.

+1.888.826.5465 Toll Free in the United States

+1.251.438.3411 International Callers