

SERVICE BULLETIN

SB06-1A

Compliance Will Enhance Safety

**Technical Portions FAA
Approved**

SUBJECT: TELEDYNE CONTINENTAL MOTORS (TCM) FUEL
SYSTEM FUEL INJECTION NOZZLE INSPECTION AND REPLACEMENT

PURPOSE: To provide criteria for inspection and/or replacement of TCM fuel system
fuel injection nozzle assemblies manufactured between July 1, 2005 and
March 1, 2006.

MODELS

AFFECTED: IO-550-G, N, P and R Series; GTSIO-520-D, H, L, M and N Series;
TSIO 520-BE Series; TSIO-520-AF, B, BB, C, CE, D, DB, E, EB, G, H, J, JB, K, KB, L,
LB, M, N, NB, P, R, T, UB, VB and WB Series; TSIO-550-A, B, C and E Series; and
TSIOL-550-A and C Series engines

REASON FOR REVISION: Clarification; See revision bars.

PART I

On June 1st of 2005 Teledyne Continental Motors (TCM) initiated improvements to the fuel injection nozzle bodies. TCM has verified reports that some fuel injection systems or fuel nozzle sets delivered between July 1, 2005 and March 1, 2006, may have a mixture of early style and new style fuel injection nozzle bodies, which may lead to undesirable operational characteristics of the fuel injection nozzle assemblies as a set. If excessive variances in cylinder to cylinder EGT readings are noted (on engines equipped with six point EGT systems) or rough operation is noted, especially at idle, at the next scheduled maintenance visit perform the procedures required by PART I Steps (1) and (2) of his bulletin. In the absence of the above listed indications, no action is required.

- 1) On engines with model specifications that are listed in TABLE 1 of this bulletin, which shipped from the factory between July 1, 2005 and March 1, 2006, perform the inspection procedures contained in PART II of this service bulletin. If any fuel injection nozzles are found to require replacement after performance of the inspection procedures contained in PART II of this bulletin, **the entire fuel injection nozzle set must be replaced with the most current part number fuel injection nozzle set.**

- 2) On all affected engines with model specifications as listed in TABLE 1, using the engine logbook and all other available maintenance records, determine if during the time period of July 1, 2005 through March 1, 2006, any complete fuel injection systems, fuel injection nozzle sets or individual fuel injection nozzle assemblies listed in TABLE 1, were installed:
 - (a) If no complete fuel injection systems, fuel injection nozzle sets or individual fuel injection nozzle assemblies as listed in TABLE 1 have been installed, no further action is required. Make a logbook entry verifying compliance with the inspection procedure required by PART I (2)(a) of this service bulletin.

| ISSUED | | | REVISED | | |  Teledyne Continental Motors, Inc. P.O. BOX 90 MOBILE, AL 36601 251-438-3411 | PAGE NO | REVISION |
|--------|-----|------|---------|-----|------|---|-------------------|----------|
| MO | DAY | YEAR | MO | DAY | YEAR | | 1 of 23 SB06-1 | A |
| 03 | 02 | 2006 | 04 | 28 | 2006 | | | |

(b) If any complete fuel injection system, fuel injection nozzle set or individual fuel injection nozzle assemblies that are listed in TABLE 1 have been replaced during the specified time period, proceed to PART II of this service bulletin. If any fuel injection nozzles are found to require replacement after performance of the inspection procedures contained in PART II of this bulletin, the entire fuel injection nozzle set must be replaced with the most current part number fuel injection nozzle set.

3) Any new, unused fuel injection systems, fuel injection nozzle kits or fuel injection nozzle assemblies listed in TABLE 1 that were received from TCM during the time period of July 1, 2005 through March 1, 2006 must be inspected using the criteria contained in PART II of this bulletin prior to installation.

WARRANTY

Warranty will apply to the issues addressed in this bulletin under the following policy:

- 1) TCM will cover up to 4 hours at the posted shop rate for the inspection and reinstallation of fuel injection nozzle assemblies under steps (1) and 2(b) of PART I of this service bulletin.
- 2) Fuel injection nozzle replacements, if required under steps (1) and (2)(b) of this bulletin, will be covered for the required parts, ground shipping costs and up to 2 additional hours labor at the posted shop rate for fuel system verification in accordance with the latest revision of Service Information Directive SID97-3. Replacement fuel injection nozzle sets must be obtained from a TCM Authorized Distributor. The warranty claim must be filed through the authorized TCM Distributor from which the parts were obtained. All core fuel injection nozzles must be returned to TCM prior to warranty credit being issued.
- 3) TCM will not cover inspection of new, uninstalled stock fuel injection nozzle assemblies under warranty.

PART II

FUEL INJECTION NOZZLE INSPECTION PROCEDURES

(1) Refer to the airframe manufacturers maintenance instructions:

WARNING

Magnetos must be verified to be in the off position and grounded, and fuel must be selected to the off position when moving the propeller by hand, or personal injury may result.

- (a) Remove electrical power from the aircraft.
 - (b) Shutoff the fuel supply to the engine by closing the fuel shutoff or fuel selector valve.
 - (c) Remove upper engine cowlings from the aircraft.
- 2) Loosen and remove the fuel injection nozzle line from each fuel injection nozzle assembly. On turbocharged engines also remove the air reference sleeves from the fuel injection nozzle assembly. Install protective caps on all lines to prevent contamination. Retain all metal hardware for reuse, if applicable.

| ISSUED | | | REVISED | | |  Teledyne Continental Motors, Inc. P.O. BOX 90 MOBILE, AL 36601 251-438-3411 | PAGE NO | REVISION |
|--------|-----|------|---------|-----|------|---|-------------------|----------|
| MO | DAY | YEAR | MO | DAY | YEAR | | 2 of 23 SB06-1 | A |
| 03 | 02 | 2006 | 04 | 28 | 2006 | | | |

- 3) Loosen and remove the fuel injection nozzle assemblies, taking care to note the cylinder from which they were removed.
- 4) Using a pin gauge tool of the proper diameter, inspect each fuel injection nozzle assembly as shown in figure 2.

WARNING

The pin gauge tool must be inspected prior to each use to ensure it is free of burrs and **MUST NOT** be inserted into the fuel injection nozzle body beyond the depth shown in Figures 1 and 2. If contact is made with the fuel injector jet during the test, then the fuel injection nozzle must be replaced. Never attempt to clear a nozzle obstruction by any mechanical means.

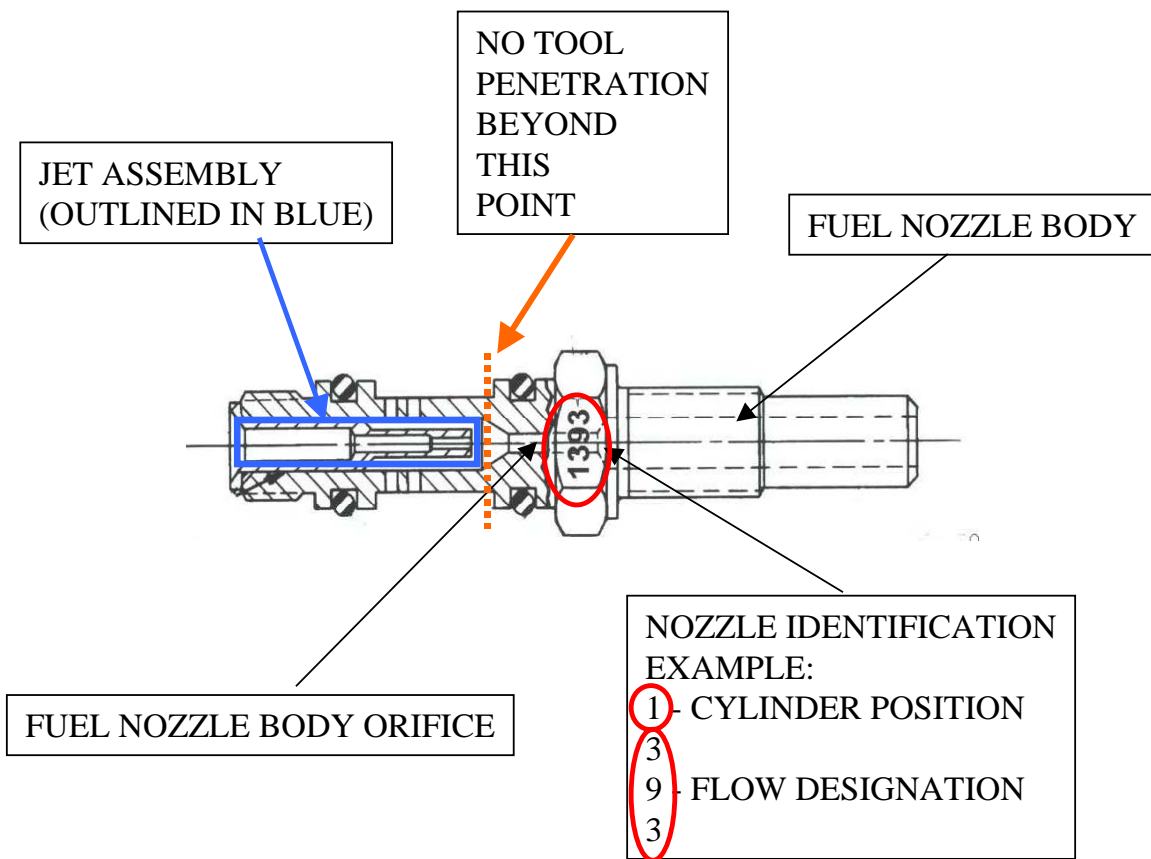

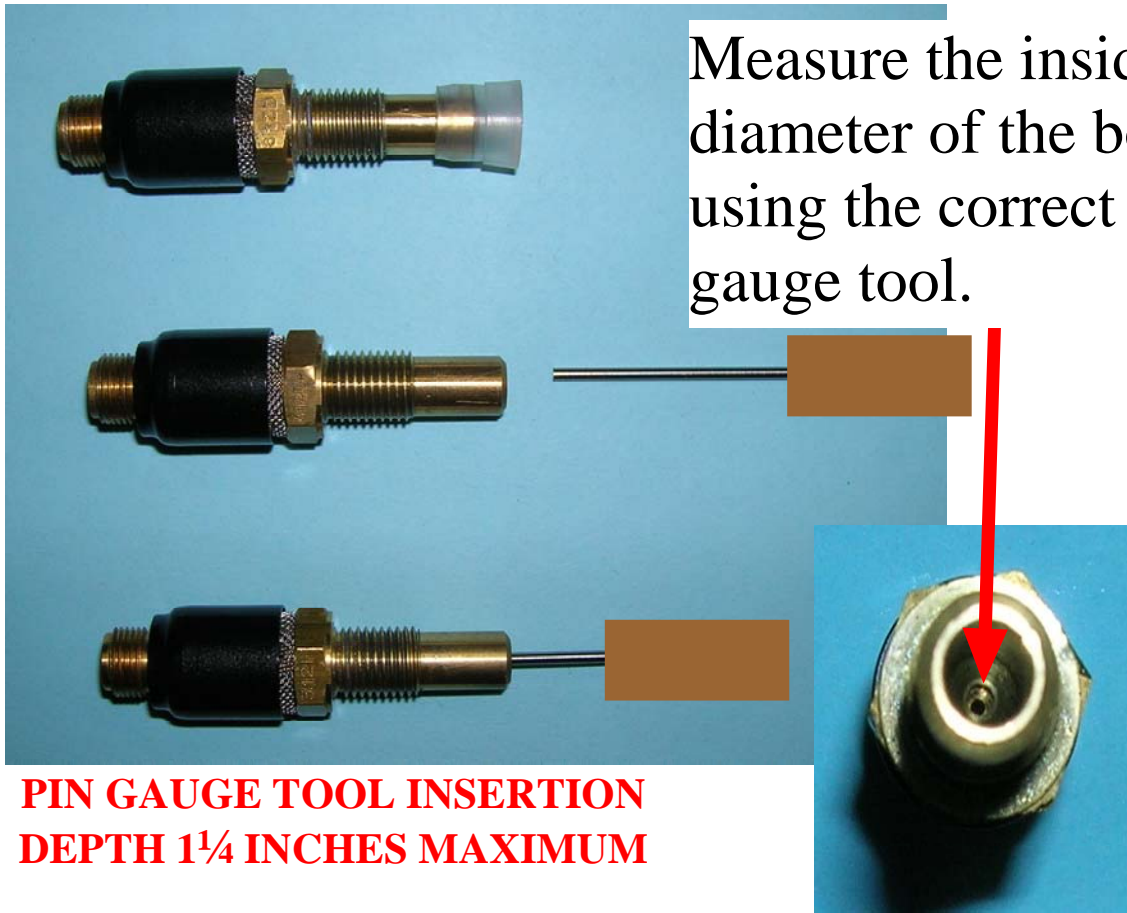


FIGURE 1
FUEL INJECTION NOZZLE ASSEMBLY
TURBOCHARGED NOZZLE ASSEMBLY SHOWN;
NORMALLY ASPIRATED NOZZLE ASSEMBLY SIMILIAR

| ISSUED | | | REVISED | | |  Teledyne Continental Motors, Inc. P.O. BOX 90 MOBILE, AL 36601 251-438-3411 | PAGE NO | REVISION |
|--------|-----|------|---------|-----|------|---|-------------------|----------|
| MO | DAY | YEAR | MO | DAY | YEAR | | 3 of 23 SB06-1 | A |
| 03 | 02 | 2006 | 04 | 28 | 2006 | | | |




Measure the inside diameter of the body using the correct pin gauge tool.

PIN GAUGE TOOL INSERTION DEPTH 1 1/4 INCHES MAXIMUM

FIGURE 2
 FUEL INJECTION NOZZLE INSPECTION PROCEDURE
 FUEL INJECTION NOZZLE FOR NORMALLY ASPIRATED ENGINES SHOWN; TURBO-CHARGED ENGINE FUEL INJECTION NOZZLES ARE SIMILAR.

5) For the **IO-550-G, N, P and R Series; GTSIO-520-D, H, L, M and N Series; TSIO-520-BE Series; TSIO-550-A, B, C and E Series; and TSIOL-550-A and C Series engines:** Select a 0.062" diameter pin gauge tool and test each fuel injection nozzle body as shown in FIGURE 2. Verify that the fuel injection nozzle body orifices are all machined to the same size by


| ISSUED | | | REVISED | | |  Teledyne Continental Motors, Inc. P.O. BOX 90 MOBILE, AL 36601 251-438-3411 | PAGE NO | REVISION |
|--------|-----|------|---------|-----|------|---|-------------------|----------|
| MO | DAY | YEAR | MO | DAY | YEAR | | 4 of 23 SB06-1 | A |
| 03 | 02 | 2006 | 04 | 28 | 2006 | | | |

determining if the pin can or cannot be inserted into each fuel injection nozzle body orifice in the set.

- a) If the fuel injection nozzle body orifices are all determined to be the same size, no further action is required. Proceed to PART II Step 8.
 - b) If the inspection with the pin gauge tool indicates a mixture of fuel injection nozzle body orifice sizes installed, then the complete fuel injection nozzle set must be replaced with a new set obtained from an authorized TCM distributor.
- 6) For the **TSIO-520-AF, B, BB, C, CE, D, DB, E, EB, G, H, J, JB, K, KB, L, LB, M, N, NB, P, R, T, UB, VB and WB Series engines:** Select a 0.055" diameter pin gauge tool and test each fuel injection nozzle body as shown in FIGURE 2. Verify that the fuel injection nozzle body orifices are all machined to the same size by determining if the pin can or cannot be inserted into each fuel injection nozzle body in the set.
- a) If the fuel injection nozzle body orifices are all determined to be the same size, no further action is required. Proceed to PART II Step 8.
 - b) If the inspection with the pin gauge tool indicates a mixture of fuel injection nozzle body orifice sizes installed, then the complete fuel injection nozzle set must be replaced with a new set obtained from an authorized TCM distributor.
7. If re-installing the previously removed fuel injection nozzle assemblies, they must be cleaned by soaking in lacquer thinner, methyl ethyl ketone or acetone for several hours. If a fuel injection nozzle assembly is obstructed and cannot be cleaned by solvent action it must be replaced.

***CAUTION:** Do not attempt to clear nozzle obstructions by any mechanical means. Any nozzle that is cleaned by mechanical means must be replaced.*

- 8) Reinstall the fuel injection nozzles in accordance with the following procedure:
- a) Apply TCM P/N 646943 antiseize lubricant to the cylinder end of each fuel injection nozzle assembly in accordance with Figure 3. Install the fuel injection nozzle into the appropriate cylinder and torque to 55-65 inch-pounds.
 - b) For turbocharged engines only, install new 2 each new P/N 630979-9 o-rings onto the fuel injection nozzle body.
 - c) For turbocharged engines only, slide the air reference sleeve onto the fuel injection nozzle assembly, taking care not to damage the 0-rings. Install 1 each new P/N 640612 washer and the retained serviceable 628556 metal washer onto the fuel injection nozzle above the air reference sleeve.
 - d) For normally aspirated engines, if applicable, install new P/N 640612 seal washers and retained 628556 metal washers on each fuel injection nozzle assembly. Install the fuel line onto the fuel injection nozzle assembly. Torque the fuel line "B" nut to 40-45 inch-pounds.
 - e) For turbocharged engines only, using a new compression seal P/N 633958-3, install the air reference sleeve to the air reference tube and torque the "B" nut by snugging finger tight to set the seal, then tighten an additional 3/4 to 1 turn.
- 9) Restore electrical power to the aircraft. Using the fuel boost pump, leak-check the fuel system. Correct any defects noted before proceeding to the next step.

| ISSUED | | | REVISED | | |  Teledyne Continental Motors, Inc. P.O. BOX 90 MOBILE, AL 36601 251-438-3411 | PAGE NO | REVISION |
|--------|-----|------|---------|-----|------|---|-------------------|----------|
| MO | DAY | YEAR | MO | DAY | YEAR | | 5 of 23 SB06-1 | A |
| 03 | 02 | 2006 | 04 | 28 | 2006 | | | |

WARNING

Over priming can cause a flooded intake resulting in a hydraulic lock condition and subsequent engine damage or failure. If the engine is over primed, or flooded, make sure that all fuel has drained from the intake and cylinders prior to attempting engine start.

- 10) If new fuel injection nozzles have been installed, perform the fuel system verification in accordance with the procedures contained in the latest revision of TCM bulletin SID97-3
- 11) Reinstall the cowlings in accordance with the airframe manufacturer's maintenance instructions.
- 12) Make a log book entry verifying compliance with this service bulletin.

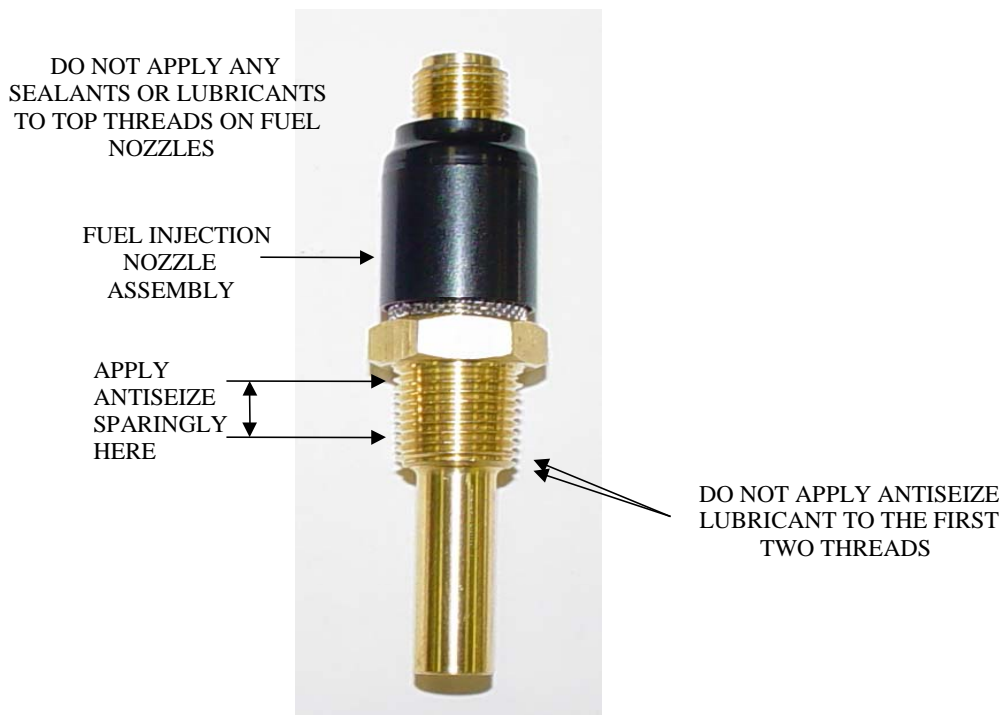




FIGURE 3

ANTISEIZE COMPOUND APPLICATION
NORMALLY ASPIRATED ENGINE FUEL INJECTION NOZZLE ASSEMBLY SHOWN FOR CLARITY; TURBOCHARGED ENGINE FUEL INJECTION NOZZLE SIMILAR


| ISSUED | | | REVISED | | |  Teledyne Continental Motors, Inc. P.O. BOX 90 MOBILE, AL 36601 251-438-3411 | PAGE NO | REVISION |
|--------|-----|------|---------|-----|------|---|-------------------|----------|
| MO | DAY | YEAR | MO | DAY | YEAR | | 6 of 23 SB06-1 | A |
| 03 | 02 | 2006 | 04 | 28 | 2006 | | | |

| ENGINE MODEL/SPEC NUMBER (N)=NEW (R)=REBUILT (SEE NOTE 1) | FUEL SYSTEM PART NUMBERS AND KIT PART NUMBERS | FUEL INJECTOR NOZZLE PART NUMBERS (SEE NOTE 2) |
|---|---|--|
| IO-550-G1B (N)(R) IO-550-G2B (N)(R) IO-550-G4B (N)(R) | 649053A5 (N) 649053A5R (R) | 652312-112E 652312-212E 652312-312E 652312-412E 652312-512E 652312-612E |
| IO-550-G5B (N)(R) IO-550-G6B (N)(R) IO-550-G8B (N)(R) IO-550-G9B (N)(R) | 649053A5-1 (N) 649053A5-1R (R) | 652312-112E 652312-212E 652312-312E 652312-412E 652312-512E 652312-612E |
| IO-550-G7B (N) | 649053A5-5 (N) | 652312-112E 652312-212E 652312-312E 652312-412E 652312-512E 652312-612E |
| IO-550-N1B (N)(R) IO-550-N6B (N)(R) IO-550-N8B (N) IO-550-N13B (N)(R) IO-550-N14B (N) IO-550-N17B (N)(R) IO-550-N19B (N) IO-550-N23B (N)(R) IO-550-N34B (N) IO-550-N35B (N)(R) | 649053A5-4 (N) 649053A5-4R (R) | 652312-112E 652312-212E 652312-312E 652312-412E 652312-512E 652312-612E |
| IO-550-N2B (N)(R) IO-550-N18B (N)(R) IO-550-N25B (N) IO-550-N28B (R) IO-550-N36B (N) IO-550-N38B (R) | 649053A5-2 (N) | 652312-112E 652312-212E 652312-312E 652312-412E 652312-512E 652312-612E |
| IO-550-N7B (N)(R) | 649053A5-12 (N) 649053A5-12R (R) 652312A2 (KIT) EQ7477 (KIT) | 652312-112E 652312-212E 652312-312F 652312-412EF 652312-512EF 652312-612D |
| IO-550-N10B (N) IO-550-N11B (N) IO-550-N12B (N) IO-550-N20B (N) IO-550-N21B (N) IO-550-N22B (N) | 649053A5-6 (N) | 652312-112E 652312-212E 652312-312E 652312-412E 652312-512E 652312-612E |
| TABLE 1 | | |


| ISSUED | | | REVISED | | |  Teledyne Continental Motors, Inc. P.O. BOX 90 MOBILE, AL 36601 251-438-3411 | PAGE NO | REVISION |
|--------|-----|------|---------|-----|------|---|-------------------|----------|
| MO | DAY | YEAR | MO | DAY | YEAR | | 7 of 23 SB06-1 | A |
| 03 | 02 | 2006 | 04 | 28 | 2006 | | | |

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|---|---|--|
| IO-550-N15B (N) IO-550-N37B (N) IO-550-N40B (N) | 649053A5-7 (N) | 652312-112E 652312-212E 652312-312E 652312-412E 652312-512E 652312-612E |
| IO-550-N16B (N)(R) | 649053A5-11 (N) | 652312-112E 652312-212E 652312-312E 652312-412E 652312-512E 652312-612E |
| IO-550-N24B (N)(R) IO-550-N26B (N)(R) | 649053A5-8 (N) | 652312-112E 652312-212E 652312-312E 652312-412E 652312-512E 652312-612E |
| IO-550-B27B (N) | 649053A5-13 (N) 652312A2 (KIT) EQ7477 (KIT) | 652312-112E 652312-212E 652312-312F 652312-412EF 652312-512EF 652312-612D |
| IO-550-N30B (N) IO-550-N32B (N) IO-550-N42B (N) | 649053A5-9 (N) | 652312-112E 652312-212E 652312-312E 652312-412E 652312-512E 652312-612E |
| IO-550-N31B (N)(R) | 649053A5-10 (N) | 652312-112E 652312-212E 652312-312E 652312-412E 652312-512E 652312-612E |
| IO-550-N41B (N) IO-550-N43B (N) | 649053A5-3 (N) 649053A5-3R (R) | 652312-112E 652312-212E 652312-312E 652312-412E 652312-512E 652312-612E |
| IO-550-P1B (N)(R) IO-550-P2B (N)(R) IO-550-P3B (N)(R) IO-550-P4B (N)(R) IO-550-P5B (R) IO-550-P6B (N)(R) | 649053A5-8 (N) | 652312-112E 652312-212E 652312-312E 652312-412E 652312-512E 652312-612E |


TABLE 1 (CON'T)

| ISSUED | | | REVISED | | |  Teledyne Continental Motors, Inc. P.O. BOX 90 MOBILE, AL 36601 251-438-3411 | PAGE NO | REVISION |
|--------|-----|------|---------|-----|------|---|-------------------|----------|
| MO | DAY | YEAR | MO | DAY | YEAR | | 8 of 23 SB06-1 | A |
| 03 | 02 | 2006 | 04 | 28 | 2006 | | | |


| ENGINE MODEL/SPEC NUMBER (N)=NEW (R)=REBUILT | FUEL SYSTEM PART NUMBERS AND KIT PART NUMBERS | FUEL INJECTOR NOZZLE PART NUMBERS |
|--|--|--|
| IO-550-R1B (N)(R) IO-550-R2B (N)(R) IO-550-R3B (N)(R) IO-550-R4B (N)(R) IO-550-R5B (N)(R) IO-550-R6B (N)(R) IO-550-R7B (N)(R) IO-550-R8B (N)(R) | 649053A5-4 (N) 649053A5-4R (R) | 652312-112E 652312-212E 652312-312E 652312-412E 652312-512E 652312-612E |
| GTSIO-520-D21D (N)(R) | 649055A2 (N) 649055A2R (R) | 633723-119A 633723-219A 633723-319A 633723-419A 633723-519A 633723-619A |
| GTSIO-520-D22B (N) | 649058A2 (N) 649058A2R (R) | 633723-119A 633723-219A 633723-319A 633723-419A 633723-519A 633723-619A |
| GTSIO-520-D23B (N)(R) | 649055A2-1 (N) 649055A2-1R (R) | 633723-119A 633723-219A 633723-319A 633723-419A 633723-519A 633723-619A |
| GTSIO-520-D24B (N)(R) | 649055A3-1 (N) 649055A3-1R (R) | 633723-119A 633723-219A 633723-319A 633723-419A 633723-519A 633723-619A |
| GTSIO-520-H1B (N)(R) GTSIO-520-H9B (N)(R) | 649058A1 (N) 649058A1R (R) | 633723-119A 633723-219A 633723-319A 633723-419A 633723-519A 633723-619A |
| GTSIO-520-H2B (N)(R) GTSIO-520-H5B | 649058A2 (N) 649058A2R (R) | 633723-119A 633723-219A 633723-319A 633723-419A 633723-519A 633723-619A |
| TABLE 1 (CON'T) | | |

| ISSUED | | | REVISED | | |  Teledyne Continental Motors, Inc. P.O. BOX 90 MOBILE, AL 36601 251-438-3411 | PAGE NO | REVISION |
|--------|-----|------|---------|-----|------|---|-------------------|----------|
| MO | DAY | YEAR | MO | DAY | YEAR | | 9 of 23 SB06-1 | A |
| 03 | 02 | 2006 | 04 | 28 | 2006 | | | |


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|---|--|--|
| GTSIO-520-H6B (R) | 649058A2-1 (N) 649058A2-1R (R) | 633723-119A 633723-219A 633723-319A 633723-419A 633723-519A 633723-619A |
| GTSIO-520-L1B (N)(R) GTSIO-520-L3B (N)(R) | 649055A5 (N) 649055A5R (R) | 639368-119A 639368-219A 639368-319A 639368-419A 639368-519A 639368-619A |
| GTSIO-520-L2B (N)(R) GTSIO-520-L4B (N)(R) | 649055A6 (N) 649055A6R (R) | 639368-119A 639368-219A 639368-319A 639368-419A 639368-519A 639368-619A |
| GTSIO-520-L5B (N)(R) GTSIO-520-L7B (N)(R) | 649055A5-1 (N) 649055A5-1R (R) | 639368-119A 639368-219A 639368-319A 639368-419A 639368-519A 639368-619A |
| GTSIO-520-L6B (N)(R) GTSIO-520-L8B (N)(R) | 649055A6-1 (N) 649055A6-1R (R) | 639368-119A 639368-219A 639368-319A 639368-419A 639368-519A 639368-619A |
| GTSIO-520-M1A (N) GTSIO-520-M1B (N)(R) GTSIO-520-M2A (N) GTSIO-520-M2B (N)(R) GTSIO-520-M3B (R) | 649055A7 (N) 649055A7R (R) | 639368-119A 639368-219A 639368-319A 639368-419A 639368-519A 639368-619A |
| GTSIO-520-N1A (N) GTSIO-520-N1B (N)(R) GTSIO-520-N3B (N)(R) GTSIO-520-N5B (N)(R) GTSIO-520-N7B (N)(R) GTSIO-520-N9B (N)(R) GTSIO-520-11B (N)(R) | 649055A8 (N) 649055A8R (R) | 639368-119A 639368-219A 639368-319A 639368-419A 639368-519A 639368-619A |
| TABLE 1 (CON'T) | | |

| ISSUED | | | REVISED | | |  Teledyne Continental Motors, Inc. P.O. BOX 90 MOBILE, AL 36601 251-438-3411 | PAGE NO | REVISION |
|--------|-----|------|---------|-----|------|---|--------------------|----------|
| MO | DAY | YEAR | MO | DAY | YEAR | | 10 of 23 SB06-1 | A |
| 03 | 02 | 2006 | 04 | 28 | 2006 | | | |

| ENGINE MODEL/SPEC NUMBER (N)=NEW (R)=REBUILT | FUEL SYSTEM PART NUMBERS AND KIT PART NUMBERS | FUEL INJECTOR NOZZLE PART NUMBERS |
|---|--|--|
| GTSIO-520-N2A (N) GTSIO-520-N2B (N)(R) GTSIO-520-N4B (N)(R) GTSIO-520-N6A (N) GTSIO-520-N6B (N)(R) GTSIO-520-N8B (N)(R) GTSIO-520-N10B (N)(R) GTSIO-520-N12B (N)(R) | 649055A9 (N) 649055A9R (R) | 639368-119A 639368-219A 639368-319A 639368-419A 639368-519A 639368-619A |
| TSIO-520-AF1A (N) TSIO-520-AF1B (N) (R) | 649054A16-1 (N) 649054A16-1R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-AF2A (N) TSIO-520-AF2B (N)(R) TSIO-520-AF3B (N)(R) | 649054A5 (N) 649054A5R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-AF5B (N)(R) | 649054A5-2 (N) 649052A5-2R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-B1B (R) TSIO-520-B5B (R) TSIO-520-B9B (R) TSIO-520-B11B (R) TSIO-520-B13B (R) TSIO-520-B15B (R) TSIO-520-B16B (R) | 649054A7-1 (N) 649054A7-1R (R) | 655534-115B 655534-215B 655534-315B 655534-415B 655534-515B 655534-615B |
| TSIO-520-B2B (R) TSIO-520-B10B (R) TSIO-520-B12B (R) TSIO-520-B14B (R) TSIO-520-B17B (R) | 649054A7 (N) 649054A7 (R) | 655534-115B 655534-215B 655534-315B 655534-415B 655534-515B 655534-615B |
| TSIO-520-BB5B (N)(R) TSIO-520-BB9B (N)(R) TSIO-520-BB11B (N)(R) TSIO-520-BB13B (N)(R) TSIO-520-BB15B (N)(R) TSIO-520-BB17B (N)(R) TSIO-520-BB19B (N)(R) TSIO-520-BB21B (N)(R) TSIO-520-BB23B (N)(R) | 649054A8-1 (N) 649054A8-1R (R) | 655534-115B 655534-215B 655534-315B 655534-415B 655534-515B 655534-615B |
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| ISSUED | | | REVISED | | |  Teledyne Continental Motors, Inc. P.O. BOX 90 MOBILE, AL 36601 251-438-3411 | PAGE NO | REVISION |
|--------|-----|------|---------|-----|------|---|--------------------|----------|
| MO | DAY | YEAR | MO | DAY | YEAR | | 11 of 23 SB06-1 | A |
| 03 | 02 | 2006 | 04 | 28 | 2006 | | | |

| ENGINE MODEL/SPEC NUMBER (N)=NEW (R)=REBUILT | FUEL SYSTEM PART NUMBERS AND KIT PART NUMBERS | FUEL INJECTOR NOZZLE PART NUMBERS |
|--|--|--|
| TSIO-520-BB10B (N)(R) TSIO-520-BB12B (N)(R) TSIO-520-BB14B (N)(R) TSIO-520-BB16B (N)(R) TSIO-520-BB18B (N)(R) TSIO-520-BB20B (N)(R) TSIO-520-BB22B (N)(R) TSIO-520-BB24B (N)(R) | 649054A8 (N) 649054A8R (R) | 655534-115B 655534-215B 655534-315B 655534-415B 655534-515B 655534-615B |
| TSIO-520-BE1A (N) TSIO-520-BE1F (N)(R) TSIO-520-BE1G (N)(R) TSIO-520-BE2F (N) (R) TSIO-520-BE2G (N)(R) TSIO-520-BE3B (N)(R) TSIO-520-BE4B (N)(R) | NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE 649054A6 (N) 649054A6R (R) | 639368-119B 639368-219B 639368-319B 639368-419B 639368-519B 639368-619B |
| TSIO-520-C1B (R) TSIO-520-C2B (N)(R) TSIO-520-C5B (N)(R) TSIO-520-C7B (N)(R) TSIO-520-C9B (N)(R) | 649054A9-2 (N) 649054A9-2R (R) | 655534-114C 655534-214C 655534-314C 655534-414C 655534-514C 655534-614C |
| TSIO-520-C3B (N)(R) TSIO-520-C6B (N)(R) TSIO-520-C8B (N)(R) TSIO-520-C10B (N)(R) TSIO-520-C11B (N)(R) | 649054A9 (N) 649054A9R (R) | 655534-114C 655534-214C 655534-314C 655534-414C 655534-514C 655534-614C |
| TSIO-520-CE1A (N) TSIO-520-CE1B (N)(R) TSIO-520-CE1F (N)(R) | 649054A10 (N) 649054A10R (R) | 655534-117C 655534-217C 655534-317C 655534-417C 655534-517C 655534-617C |
| TSIO-520-CE2B (N)(R) | 649054A10-1 (N) 649054A10-1R (R) | 655534-117C 655534-217C 655534-317C 655534-417C 655534-517C 655534-617C |
| TSIO-520-D1B (R) TSIO-520-D2B (R) TSIO-520-D3B (R) TSIO-520-D7B (R) TSIO-520-D8B (R) | 649054A11 (N) 649054A11R (R) | 655534-115B 655534-215B 655534-315B 655534-415B 655534-515B 655534-615B |
| TABLE1 (CON'T) | | |


| ISSUED | | | REVISED | | |  Teledyne Continental Motors, Inc. P.O. BOX 90 MOBILE, AL 36601 251-438-3411 | PAGE NO | REVISION |
|--------|-----|------|---------|-----|------|---|--------------------|----------|
| MO | DAY | YEAR | MO | DAY | YEAR | | 12 of 23 SB06-1 | A |
| 03 | 02 | 2006 | 04 | 28 | 2006 | | | |

| ENGINE MODEL/SPEC NUMBER (N)=NEW (R)=REBUILT | FUEL SYSTEM PART NUMBERS AND KIT PART NUMBERS | FUEL INJECTOR NOZZLE PART NUMBERS |
|--|--|--|
| TSIO-520-DB1B (N)(R) TSIO-520-DB2B (N)(R) TSIO-520-DB3B (N)(R) TSIO-520-DB8B (R) | 649054A12 (N) 649054A12R (R) | 655534-115B 655534-215B 655534-315B 655534-415B 655534-515B 655534-615B |
| TSIO-520-E1B (R) TSIO-520-E3B (R) TSIO-520-E5B (R) TSIO-520-E8B (R) TSIO-520-E14B (R) TSIO-520-E15B (R) TSIO-520-E17B (R) TSIO-520-E20B (R) TSIO-520-E23B (R) | 649054A13-1 (N) 649054A13-1R (R) | 655534-114G 655534-214G 655534-314G 655534-414G 655534-514G 655534-614G |
| TSIO-520-E2B (R) TSIO-520-E4B (R) TSIO-520-E9B (R) TSIO-520-E10B (R) TSIO-520-E16B (R) TSIO-520-E18B (R) TSIO-520-E19B (R) TSIO-520-E21B (R) TSIO-520-E22B (R) | 649054A13 (N) 649054A13R (R) | 655534-114G 655534-214G 655534-314G 655534-414G 655534-514G 655534-614G |
| TSIO-520-EB2B (R) TSIO-520-EB4B (N)(R) TSIO-520-EB9B (N)(R) TSIO-520-EB10B (N)(R) TSIO-520-EB16B (N)(R) TSIO-520-EB17B (R) TSIO-520-EB19B (R) TSIO-520-EB21B (N)(R) | 649054A13-2 (N) 649054A13-2R (R) | 655534-114G 655534-214G 655534-314G 655534-414G 655534-514G 655534-614G |
| TSIO-520-EB3B (N)(R) TSIO-520-EB5B (N)(R) TSIO-520-EB8B (N)(R) TSIO-520-EB14B (N)(R) TSIO-520-EB15B (N)(R) TSIO-520-EB18B (N)(R) TSIO-520-EB20B (N) (R) | 649054A13-3 (N) 649054A13-3R (R) | 655534-114G 655534-214G 655534-314G 655534-414G 655534-514G 655534-614G |
| TSIO-520-G1B (N)(R) TSIO-520-G3B (N)(R) TSIO-520-G4B (N)(R) | 649054A16 (N) 649054A16R (R) | 655534-115C 655534-215C 655534-315C 655534-415C 655534-515C 655534-615C |


TABLE 1 (CON'T)

| ISSUED | | | REVISED | | |  Teledyne Continental Motors, Inc. P.O. BOX 90 MOBILE, AL 36601 251-438-3411 | PAGE NO | REVISION |
|--------|-----|------|---------|-----|------|---|--------------------|----------|
| MO | DAY | YEAR | MO | DAY | YEAR | | 13 of 23 SB06-1 | A |
| 03 | 02 | 2006 | 04 | 28 | 2006 | | | |


| ENGINE MODEL/SPEC NUMBER (N)=NEW (R)=REBUILT | FUEL SYSTEM PART NUMBERS AND KIT PART NUMBERS | FUEL INJECTOR NOZZLE PART NUMBERS |
|---|--|--|
| TSIO-520-H1B (R) TSIO-520-H4B (N)(R) TSIO-520-H5B (N)(R) TSIO-520-H6B (N)(R) | 649054A9 (N) 649054A9R (N) | 655534-114C 655534-214C 655534-314C 655534-414C 655534-514C 655534-614C |
| TSIO-520-H7B (N)(R) | 649054A9-3 (N) | 655534-114C 655534-214C 655534-314C 655534-414C 655534-514C 655534-614C |
| TSIO-520-J1B (R) TSIO-520-J13B (R) | 649054A15 (N) 649054A15R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-J2B (R) TSIO-520-J4B (R) TSIO-520-J14B (R) | 649054A15-1 (N) 649054A15-1R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-J9B (R) | 649054A15-4 (N) 649054A15-4R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-J10B (R) TSIO-520-J12B (R) | 649054A15-5 (N) 649054A15-5R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-JB1B (N)(R) TSIO-520-JB14B (N)(R) | 649054A15-2 (N) 649054A15-2R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-JB2B (N)(R) TSIO-520-JB4B (N)(R) TSIO-520-JB13B (N)(R) | 649054A15-3 (N) 649054A15-3R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TABLE 1 (CON'T) | | |

| ISSUED | | | REVISED | | |  Teledyne Continental Motors, Inc. P.O. BOX 90 MOBILE, AL 36601 251-438-3411 | PAGE NO | REVISION |
|--------|-----|------|---------|-----|------|---|--------------------|----------|
| MO | DAY | YEAR | MO | DAY | YEAR | | 14 of 23 SB06-1 | A |
| 03 | 02 | 2006 | 04 | 28 | 2006 | | | |


| ENGINE MODEL/SPEC NUMBER (N)=NEW (R)=REBUILT | FUEL SYSTEM PART NUMBERS AND KIT PART NUMBERS | FUEL INJECTOR NOZZLE PART NUMBERS |
|---|--|--|
| TSIO-520-JB9B (N)(R) | 649054A15-6 (N) 649054A15-6R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-JB10B (N)(R) TSIO-520-JB12B (N)(R) | 649054A15-7 (N) 649054A15-7R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520K1B (R) TSIO-520-K5B (R) | 649054A19 (N) 649054A19R (R) | 655534-114C 655534-214C 655534-314C 655534-414C 655534-514C 655534-614C |
| TSIO-520K2B (R) | 649054A19-1 (N) 649054A19-1R (R) | 655534-114C 655534-214C 655534-314C 655534-414C 655534-514C 655534-614C |
| TSIO-520-KB1B (N)(R) | 649054A19-2 (N) 649054A19-2R (R) | 655534-114C 655534-214C 655534-314C 655534-414C 655534-514C 655534-614C |
| TSIO-520-KB2B (N)(R) | 649054A19-3 (N) 649054A19-3R (R) | 655534-114C 655534-214C 655534-314C 655534-414C 655534-514C 655534-614C |
| TSIO-520-KB3B (N)(R) | 649054A19-4 (N) 649054A19-4R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-KB4B (N) (R) | 649054A19-5 (N) 649054A19-5R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TABLE 1 (CON'T) | | |

| ISSUED | | | REVISED | | |  Teledyne Continental Motors, Inc. P.O. BOX 90 MOBILE, AL 36601 251-438-3411 | PAGE NO | REVISION |
|--------|-----|------|---------|-----|------|---|--------------------|----------|
| MO | DAY | YEAR | MO | DAY | YEAR | | 15 of 23 SB06-1 | A |
| 03 | 02 | 2006 | 04 | 28 | 2006 | | | |


| ENGINE MODEL/SPEC NUMBER (N)=NEW (R)=REBUILT | FUEL SYSTEM PART NUMBERS AND KIT PART NUMBERS | FUEL INJECTOR NOZZLE PART NUMBERS |
|--|--|--|
| TSIO-520-L1B (R) TSIO-520-L4B (R) TSIO-520-L7B (R) | 649054A23-1 (N) 649054A23-1R (R) | 655534-114C 655534-214C 655534-314C 655534-414C 655534-514C 655534-614C |
| TSIO-520-LB1B (N)(R) TSIO-520-LB4B (N)(R) TSIO-520-LB6B (R) | 649054A23 (N) 649054A23R (R) | 655534-114C 655534-214C 655534-314C 655534-414C 655534-514C 655534-614C |
| TSIO-520-M1B (N)(R) TSIO-520-M3B (N)(R) TSIO-520-M4A (N) TSIO-520-M4B (N) TSIO-520-M6B (N)(R) TSIO-520-M7B (N)(R) TSIO-520-M8A (N) TSIO-520-M8B (N) | 649054A16 (N) 649054A16R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-M9B (N)(R) TSIO-520-M10B (N)(R) TSIO-520-M11B (N)(R) | 649054A16-3 (N) 649054A16-3R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-N1B (R) TSIO-520-N19B (R) | 649054A27 (N) 649054A27R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-N2B (R) TSIO-520-N4B (R) TSIO-520-N20B (R) TSIO-520-N21B (R) | 649054A27-1 (N) 649054A27-1R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-N5B (R) | 649054A29-1 (N) 649054A29-1R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TABLE 1 (CON'T) | | |

| ISSUED | | | REVISED | | |  Teledyne Continental Motors, Inc. P.O. BOX 90 MOBILE, AL 36601 251-438-3411 | PAGE NO | REVISION |
|--------|-----|------|---------|-----|------|---|--------------------|----------|
| MO | DAY | YEAR | MO | DAY | YEAR | | 16 of 23 SB06-1 | A |
| 03 | 02 | 2006 | 04 | 28 | 2006 | | | |


| ENGINE MODEL/SPEC NUMBER (N)=NEW (R)=REBUILT | FUEL SYSTEM PART NUMBERS AND KIT PART NUMBERS | FUEL INJECTOR NOZZLE PART NUMBERS |
|---|--|--|
| TSIO-520-N6B (R) TSIO-520-N8B (R) | 649054A29-2 (N) 649054A29-2R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-N9B (R) | 649054A29-4 (N) 649054A29-4R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-N10B (R) TSIO-520-N12B (R) | 649054A29-5 (N) 649054A29-5R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-N13B (R) | 649054A27-4 (N) 649054A27-4R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-N14B (R) TSIO-520-N16B (R) | 649054A27-5 (N) 649054A27-5R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-NB1B (N)(R) TSIO-520-NB19B (N) TSIO-520-NB31B (N)(R) TSIO-520-NB35B (R) TSIO-520-NB39B (N)(R) | 649054A27-2 (N) 649054A27-2R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-NB2B (N)(R) TSIO-520-NB4B (N)(R) TSIO-520-NB20B (N)(R) TSIO-520-NB21B (N)(R) TSIO-520-NB32B (N)(R) TSIO-520-NB34B (R) | 649054A27-3 (N) 649054A27-3R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-NB5B (N)(R) TSIO-520-NB22B (N)(R) | 649054A29 (N) 649054A29R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TABLE 1 (CON'T) | | |

| ISSUED | | | REVISED | | |  Teledyne Continental Motors, Inc. P.O. BOX 90 MOBILE, AL 36601 251-438-3411 | PAGE NO | REVISION |
|--------|-----|------|---------|-----|------|---|--------------------|----------|
| MO | DAY | YEAR | MO | DAY | YEAR | | 17 of 23 SB06-1 | A |
| 03 | 02 | 2006 | 04 | 28 | 2006 | | | |


| ENGINE MODEL/SPEC NUMBER (N)=NEW (R)=REBUILT | FUEL SYSTEM PART NUMBERS AND KIT PART NUMBERS | FUEL INJECTOR NOZZLE PART NUMBERS |
|--|--|--|
| TSIO-520-NB6B (N)(R) TSIO-520-NB8B (N)(R) TSIO-5200NB17B (N)(R) TSIO-520-NB18B (N)(R) TSIO-520-NB23B (N)(R) TSIO-520-NB24B (N)(R) | 649054A29-3 (N) 649054A29-3R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-NB9B (N)(R) TSIO-520-NB25B (N) | 649054A29-6 (N) 649054A29-6R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-NB10A (N) TSIO-520-NB10B (N)(R) TSIO-520-NB12A (N) TSIO-520-NB12B (N)(R) TSIO-520-NB26B (N)(R) TSIO-520-NB27B (N)(R) TSIO-520-NB37B (N)(R) | 649054A29-7 (N) 649054A29-7R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-NB13A (N) TSIO-520-NB13B (N)(R) TSIO-520-NB28B (N)(R) TSIO-520NB33B (N)(R) | 649054A27-6 (N) 649054A27-6R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-NB14B (N)(R) TSIO-520-NB16A (N) TSIO-520-NB16B (N)(R) TSIO-520-NB22B (N) TSIO-520-NB29B (N)(R) TSIO-520-NB30B (N)(R) TSIO-520-NB36B (N)(R) TSIO-520-NB38B (N)(R) | 649054A27-7 (N) 649054A27-7R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-P1B (N)(R) TSIO-520-P3B (N)(R) TSIO-520-P5B (N)(R) TSIO-520-P6B (N)(R) | 649054A16 (N) 649054A16R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-P7B (N)(R) TSIO-520-P8B (N)(R) | 649054A16-3 (N) 649054A16-3R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TABLE 1 (CON'T) | | |

| ISSUED | | | REVISED | | |  Teledyne Continental Motors, Inc. P.O. BOX 90 MOBILE, AL 36601 251-438-3411 | PAGE NO | REVISION |
|--------|-----|------|---------|-----|------|---|--------------------|----------|
| MO | DAY | YEAR | MO | DAY | YEAR | | 18 of 23 SB06-1 | A |
| 03 | 02 | 2006 | 04 | 28 | 2006 | | | |


| ENGINE MODEL/SPEC NUMBER (N)=NEW (R)=REBUILT | FUEL SYSTEM PART NUMBERS AND KIT PART NUMBERS | FUEL INJECTOR NOZZLE PART NUMBERS |
|---|--|---|
| TSIO-520-R4B (N)(R) TSIO-520-R5A (N) TSIO-520-R5B (N)(R) TSIO-520-R9B (N)(R) TSIO-520-R10B (N)(R) TSIO-520-R14B (N)(R) | 649054A16 (N) 649054A16R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-R6A (N) TSIO-520-R6B (N)(R) TSIO-520-R11B (N)(R) TSIO-520-R15B (N)(R) | 649054A16-1 (N) 649054A16-1R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-R7A (N) TSIO-520-R7B (N)(R) | 649054A5-1 (N) 649054A5-1R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-R12B (N)(R) | 649054A16-3 (N) 649054A16-3R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-R13B (N)(R) | 649054A16-4 (N) 649054A16-4R (R) | 655534-114B 655534-214B 655534-314B 655534-414B 655534-514B 655534-614B |
| TSIO-520-T1A (N) TSIO-520-T1B (N)(R) TSIO-520-T1F (N)(R) TSIO-520-T3B (N)(R) TSIO-520-T4B (N)(R) | 649054A35 (N) 649054A35R (R) | 655534-115C 655534-215C 655534-315C 655534-415C 655534-515C 655534-615C |
| TSIO-520-UB1B (N)(R) TSIO-520-UB8B (N)(R) | 649054A36-9 (N) 649054A36-9R (R) | 655534-117C 655534-217C 655534-317A 655534-417A 655534-517A 655534-617AA |
| TABLE 1 (CON'T) | | |

| ISSUED | | | REVISED | | |  Teledyne Continental Motors, Inc. P.O. BOX 90 MOBILE, AL 36601 251-438-3411 | PAGE NO | REVISION |
|--------|-----|------|---------|-----|------|---|--------------------|----------|
| MO | DAY | YEAR | MO | DAY | YEAR | | 19 of 23 SB06-1 | A |
| 03 | 02 | 2006 | 04 | 28 | 2006 | | | |


| ENGINE MODEL/SPEC NUMBER (N)=NEW (R)=REBUILT | FUEL SYSTEM PART NUMBERS AND KIT PART NUMBERS | FUEL INJECTOR NOZZLE PART NUMBERS |
|---|--|---|
| TSIO-520-UB2B (N)(R) TSIO-520-UB2F (N)(R) TSIO-520-UB3A (N) TSIO-520-UB3B (N)(R) TSIO-520-UB3F (N)(R) TSIO-520UB6B (N)(R) TSIO-520-UB7B (N)(R) TSIO-520-UB9B (N)(R) TSIO-520-UB23B (N)(R) | 649054A36-8 (N) 649054A36-8R (R) | 655534-117C 655534-217C 655534-317A 655534-417A 655534-517A 655534-617AA |
| TSIO-520-UB4A (N) TSIO-520-UB11B (N)(R) TSIO-520-UB13B (N) TSIO-520-UB14B (N) TSIO-520-UB16B (N) TSIO-520-UB21B (N)(R) TSIO-520-UB22B (N)(R) | 649054A36-10 (N) 649054A36-10R (N) | 655534-117C 655534-217C 655534-317A 655534-417A 655534-517A 655534-617AA |
| TSIO-520-UB4B (N)(R) TSIO-520-UB4F (N)(R) TSIO-520-UB5A (N) TSIO-520-UB5B (N)(R) TSIO-520-UB5F (N)(R) TSIO-520-UB10B (N)(R) TSIO-520-UB12B (N)(R) TSIO-520-UB20B (R) | 649054A36-11 (N) 649054A36-11R (N) | 655534-117C 655534-217C 655534-317A 655534-417A 655534-517A 655534-617AA |
| TSIO-520-UB15B (N)(R) | 649054A36-12 (N) 649054A36-12R (R) | 655534-117C 655534-217C 655534-317A 655534-417A 655534-517A 655534-617AA |
| TSIO-520UB17B (N) TSIO-520-UB18B (N)(R) | 649054A36-7 (N) 649054A36-7R (R) | 655534-117C 655534-217C 655534-317A 655534-417A 655534-517A 655534-617AA |
| TSIO-520-UB19B (N) | 649054A36-13 (N) 649054A36-13R (R) | 655534-117C 655534-217C 655534-317A 655534-417A 655534-517A 655534-617AA |
| TABLE 1 (CON'T) | | |

| ISSUED | | | REVISED | | |  Teledyne Continental Motors, Inc. P.O. BOX 90 MOBILE, AL 36601 251-438-3411 | PAGE NO | REVISION |
|--------|-----|------|---------|-----|------|---|--------------------|----------|
| MO | DAY | YEAR | MO | DAY | YEAR | | 20 of 23 SB06-1 | A |
| 03 | 02 | 2006 | 04 | 28 | 2006 | | | |

| ENGINE MODEL/SPEC NUMBER (N)=NEW (R)=REBUILT | FUEL SYSTEM PART NUMBERS AND KIT PART NUMBERS | FUEL INJECTOR NOZZLE PART NUMBERS |
|--|--|--|
| TSIO-520-VB1A (N) TSIO-520-VB1B (N)(R) TSIO-520-VB1F (N)(R) TSIO-520-VB2A (N) TSIO-520-VB2B (N)(R) TSIO-520-VB2F (N)(R) TSIO-520-VB4A (N) TSIO-520-VB4B (N)(R) TSIO-520-VB4F (N)(R) TSIO-520-VB5F (N)(R) TSIO-520-VB6F (N)(R) TSIO-520-VB7F (N)(R) TSIO-520-VB8B (R) | 649054A37 (N) 649054A37R (R) | 655534-116A 655534-216A 655534-316A 655534-416A 655534-516A 655534-616A |
| TSIO-520-WB1B (N)(R) TSIO-520-WB1F (N)(R) TSIO-520-WB3A (N) TSIO-520-WB3B (N)(R) TSIO-520-WB3F (N)(R) TSIO-520-WB5A (N) TSIO-520-WB5B (N)(R) TSIO-520-WB5F (N)(R) TSIO-520-WB6B (N)(R) | 649054A23-2 (N) 649054A23-2R (R) | 655534-114C 655534-214C 655534-314C 655534-414C 655534-514C 655534-614C |
| TSIO-550-A1B (N)(R) | NOT AVAILABLE | 639368-119B 639368-219B 639368-319B 639368-419B 639368-519B 639368-619B |
| TSIO-550-B1B (N)(R) TSIO-550-B2B (N)(R) | 649054A6-1 (N) 649054A6-1R (R) | 639368-119B 639368-219B 639368-319B 639368-419B 639368-519B 639368-619B |
| TSIO-550-C1B (N)(R) TSIO-550-C3B (N)(R) TSIO-550-C4B (N)(R) | 649054A6 (N) 649054A6R (R) | 639368-119B 639368-219B 639368-319B 639368-419B 639368-519B 639368-619B |
| TSIO-550-C5B (N)(R) TSIO-550-C8B (N) TSIO-550-C10B (N) | 649054A6-5 (N) 649054A6-5R (R) | 639368-119B 639368-219B 639368-319B 639368-419B 639368-519B 639368-619B |
| TABLE 1 (CON'T) | | |

| ISSUED | | | REVISED | | |  Teledyne Continental Motors, Inc. P.O. BOX 90 MOBILE, AL 36601 251-438-3411 | PAGE NO | REVISION |
|--------|-----|------|---------|-----|------|---|--------------------|----------|
| MO | DAY | YEAR | MO | DAY | YEAR | | 21 of 23 SB06-1 | A |
| 03 | 02 | 2006 | 04 | 28 | 2006 | | | |


| ENGINE MODEL/SPEC NUMBER (N)=NEW (R)=REBUILT | FUEL SYSTEM PART NUMBERS AND KIT PART NUMBERS | FUEL INJECTOR NOZZLE PART NUMBERS |
|--|--|--|
| TSIO-550-C6B (N)(R) | 649054A41 (N) 649054A41R (R) | 639368-119B 639368-219B 639368-319B 639368-419B 639368-519B 639368-619B |
| TSIO-550-C7B (N) TSIO-550-C9B (N) | 649054A6-4 (N) 649054A6-4R (R) | 639368-119B 639368-219B 639368-319B 639368-419B 639368-519B 639368-619B |
| TSIO-550-E1B (N)(R) TSIO-550-E2B (N)(R) TSIO-550-E4B (R) TSIO-550-E9B (N)(R) TSIO-550-E12B (N) | 649054A6 (N) 649054A6R (R) | 639368-119B 639368-219B 639368-319B 639368-419B 639368-519B 639368-619B |
| TSIO-550-E3B (N)(R) TSIO-550-E4B (N) TSIO-550-E13B (N) | 649054A6-3 (N) 649054A6-3R (R) | 639368-119B 639368-219B 639368-319B 639368-419B 639368-519B 639368-619B |
| TSIO-550-E5B (N)(R) | 649054A6 (N) 649054A6R (R) | 639368-119B 639368-219B 639368-319B 639368-419B 639368-519B 639368-619B |
| TSIO-550-E10B (N)(R) TSIO-550-E11B (N)(R) | 649054A6-7 (N) 649054A6-7R (R) | 639368-119B 639368-219B 639368-319B 639368-419B 639368-519B 639368-619B |
| TSIOL-550-A1A (N) TSIOL-550-A1B (N) TSIOL-550-A1G (N)(R) TSIOL-550-A3B (N) TSIOL-550-A5B (N) TSIOL-550-A6B (N) TSIOL-550-A7B (N) TSIOL-550-A8B (N) TSIOL-550-A9B (N) | 649054A39 (N) 649054A36R (R) | 639368-114B 639368-214B 639368-314B 639368-414B 639368-514B 639368-614B |
| TABLE 1 (CON'T) | | |

| ISSUED | | | REVISED | | |  Teledyne Continental Motors, Inc. P.O. BOX 90 MOBILE, AL 36601 251-438-3411 | PAGE NO | REVISION |
|--------|-----|------|---------|-----|------|---|--------------------|----------|
| MO | DAY | YEAR | MO | DAY | YEAR | | 22 of 23 SB06-1 | A |
| 03 | 02 | 2006 | 04 | 28 | 2006 | | | |

| ENGINE MODEL/SPEC NUMBER (N)=NEW (R)=REBUILT | FUEL SYSTEM PART NUMBERS AND KIT PART NUMBERS | FUEL INJECTOR NOZZLE PART NUMBERS |
|---|--|--|
| TSIOL-550-C1B (N) | 649054A38 (N) 649054A38R (R) | 639368-117C 639368-217C 639368-317C 639368-417C 639368-517C 639368-617C |
| TABLE 1 (CON'T) | | |

TABLE 1 NOTES

- 1) For a complete explanation of engine specification numbers see TCM Service Information Letter SIL05-3.
- 2) The fuel injector nozzle part numbers shown in TABLE 1 indicate the cylinder position in the dash number. For example, a -117C nozzle is for installation in cylinder no.1, a -217C nozzle is for installation in cylinder no.2, etc. These nozzles are NOT interchangeable with the earlier part number nozzles. For example, a P/N 639368-17C nozzle is NOT interchangeable with a P/N 639368-117C nozzle. If the old style part number nozzle is not available, then the entire nozzle set must be replaced.

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|--------|-----|------|---------|-----|------|---|--------------------|----------|
| MO | DAY | YEAR | MO | DAY | YEAR | | 23 of 23 SB06-1 | A |
| 03 | 02 | 2006 | 04 | 28 | 2006 | | | |