

MANDATORY

SERVICE BULLETIN

DATE: September 30, 2002 Service Bulletin No. 554
Engineering Aspects of this
Service Bulletin are FAA Approved

SUBJECT: Crankshaft Gear Retaining Bolt Replacement

MODELS AFFECTED: All engines listed in Table 1.

All O, IO, (L)TIO or AEIO-540 engines that have had a crankshaft bolt replaced during maintenance or overhaul between November 27, 1996 and November 10, 1998.

NOTE

Excludes engines with single drive dual magnetos.

All O-540-F helicopter engines listed in Table 1 that have complied with Lycoming Special Advisory No. 48-798 and A.D. 99-03-05 are in compliance with this Service Bulletin.

TIME OF COMPLIANCE: Within the next ten (10) hours of operation or seven (7) days whichever occurs first.

Lycoming has determined that a metallurgical condition has caused crankshaft gear retaining bolts to fail in service. The crankshaft gear drives both magnetos and the camshaft. Failure of the retaining bolt results in total loss of power without prior warning.

Lycoming requires that the crankshaft gear retaining bolt be replaced with the new bolt P/N STD-2209 (cadmium plated and silver in color).

REMOVAL:

1. Bring No. 1 cylinder to top dead center compression stroke.
2. Remove all accessories on the accessory housing.
3. Remove all perimeter bolts and bottom bolts (thru the sump flange). (Refer to Figure 1.)
4. Loosen two nuts on each side of the sump. (Forward of the accessory housing attaching bolts.) (Refer to Figure 1.)
5. Carefully remove the accessory housing. This may require a small tap with a non-metallic mallet to get the accessory housing started off the two locating dowels. Be certain that the idler gears are not dropped, causing damage as accessory housing is removed.
6. After the accessory housing is removed, it is extremely important to ascertain no foreign objects fall into the oil sump.

7. Have a new cadmium plated P/N STD-2209 bolt and new lockplate P/N LW-18638 assembled and lubricated in accordance with Service Bulletin No. 475B, dated April 23, 1993.
8. Unbend the tab on existing lockplate and remove the old bolt maintaining constant pressure with one hand on the crankshaft gear to keep it from moving.
9. Insuring that the gear remains in place, install the prepared bolt and lockplate in accordance with Service Bulletin No. 475B, dated April 23, 1993.

INSTALLATION:

CAUTION

IF THE CRANKSHAFT GEAR IS REMOVED FOR ANY REASON, COMPLY WITH SERVICE BULLETIN NO. 475B, DATED APRIL 23, 1993 IN ITS ENTIRETY.

1. Inspect the sump gasket to determine if it is serviceable. A new complete gasket will require removal of the oil sump. A partial gasket can also be used. This will require the removal of the old gasket by cutting it even with the rear of the crankcase, on the sump flange. The new gasket must be cut to fit. Use POB (POB sealing compound is available from POB Manufacturing Company, Inc., Cincinnati, Ohio) non-hardening gasket sealant to secure the gasket. Use a bead of non-hardening sealant on the left and right side of the gasket, where it meets the original gasket at the bottom rear of the crankcase.
2. Remove the old accessory housing gasket. Clean all surfaces with Acetone and install a new gasket. A bead of non-hardening sealant on the left and right side of the gasket, where it meets the original gasket at the bottom rear of the crankcase must be used.
3. Install the idler gears. Check the internal timing (crankshaft gear, cam and idler gear marks). Refer to Lycoming Direct Drive Engine Overhaul Manual, 60294-7.
4. Lubricate, with engine oil, the tachometer shaft, idler shafts and/or idler shaft holes in the accessory housing.
5. Check internal timing again. Install the accessory housing, making sure the gaskets remain in place.
6. Install all accessory housing attaching bolts (sump included) and tighten to the correct torque. Install all accessories. Check magneto timing.
7. After reassembly, time the magnetos to the engine and run the engine to check oil pressure and magneto drop-off. They must be within the limits for the engine as set forth in the engine operator's manual. A complete visual inspection for oil leaks should be carried out following an engine run. If any leaks are observed, corrective action must be taken before a test flight is accomplished.

WARRANTY:

Warranty is available for material required for bolt replacement (Kit 05K19987). Labor for installation will be reimbursed in accordance with the current revision of Removal and Installation Labor Allowance Guidebook, SSP-875 through an authorized Lycoming Distributor, using the standard Warranty Procedure and provided the removed retaining bolt is returned to Lycoming with the engine serial numbers.

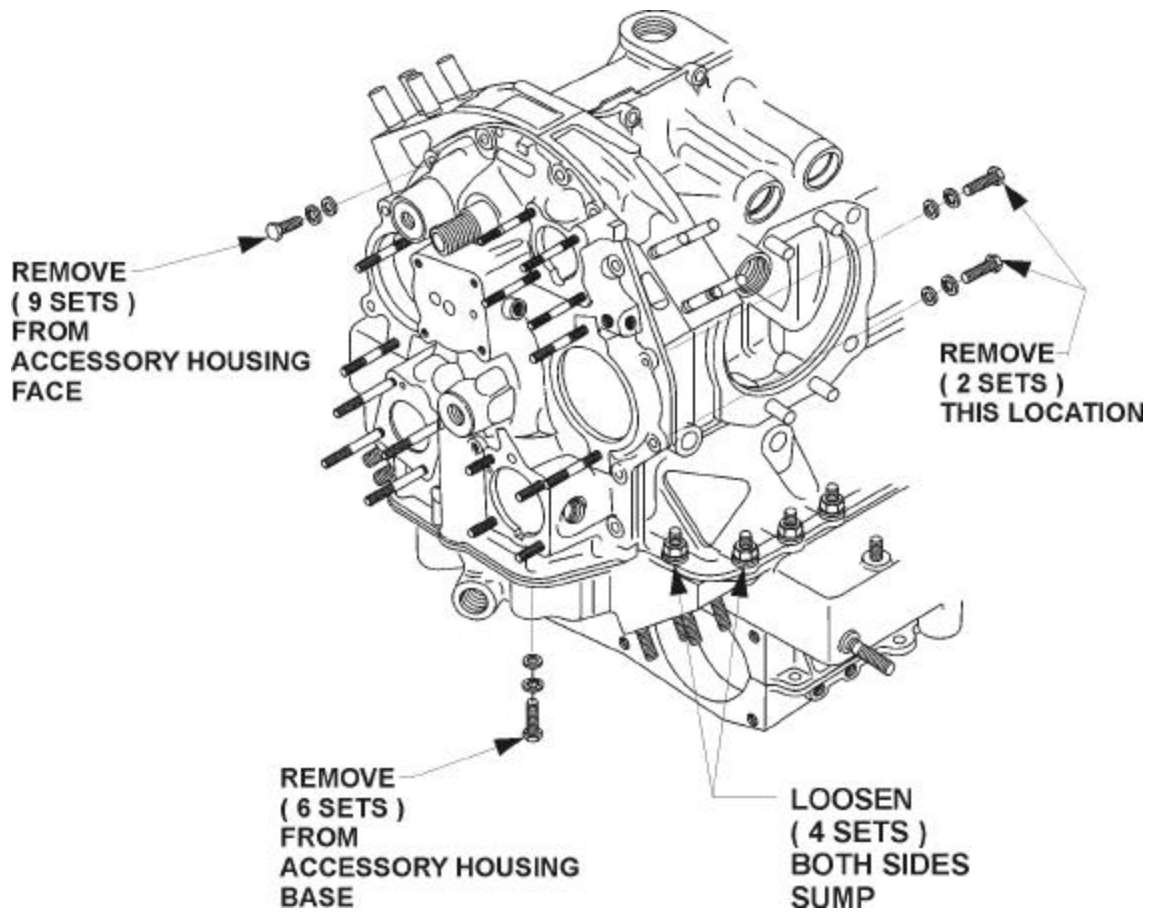


Figure 1.

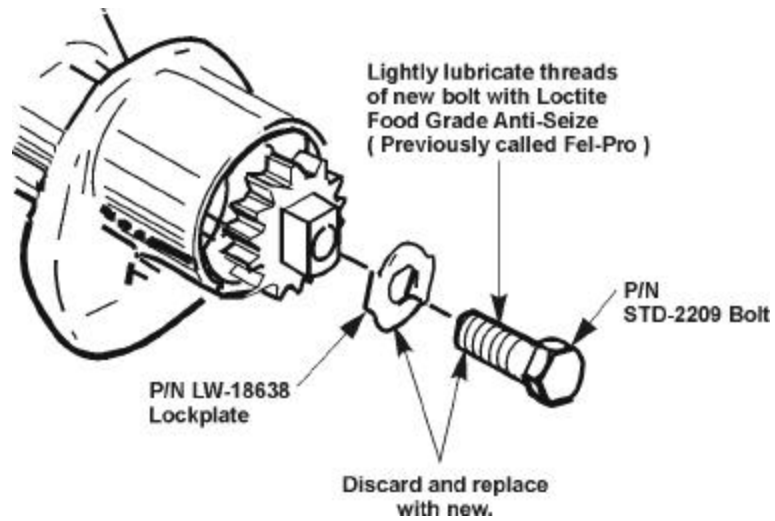


Figure 2

TABLE 1

| MODEL | ENGINE S/N | MODEL | ENGINE S/N | MODEL | ENGINE S/N |
|---------------|------------|---------------|------------|--------------|------------|
| AEIO-540-D4A5 | 19059-48A | AEIO-540-L1B5 | 26109-48A | IO-540-AB1A5 | 25959-48A |
| AEIO-540-D4A5 | 24626-48A | AEIO-540-L1B5 | 26119-48A | IO-540-AB1A5 | 25960-48A |
| AEIO-540-D4A5 | 25596-48A | AEIO-540-L1B5 | 26120-48A | IO-540-AB1A5 | 25961-48A |
| AEIO-540-D4A5 | 25845-48A | AEIO-540-L1B5 | 26138-48A | IO-540-AB1A5 | 25969-48A |
| AEIO-540-D4A5 | 25886-48A | AEIO-540-L1B5 | 26139-48A | IO-540-AB1A5 | 25974-48A |
| AEIO-540-D4A5 | 25957-48A | AEIO-540-L1B5 | 26174-48A | IO-540-AB1A5 | 25975-48A |
| AEIO-540-D4A5 | 25962-48A | AEIO-540-L1B5 | 26177-48A | IO-540-AB1A5 | 25976-48A |
| AEIO-540-D4A5 | 25963-48A | AEIO-540-L1B5 | 26197-48A | IO-540-AB1A5 | 25977-48A |
| AEIO-540-D4A5 | 25964-48A | AEIO-540-L1B5 | 26198-48A | IO-540-AB1A5 | 25980-48A |
| AEIO-540-D4A5 | 25989-48A | AEIO-540-L1B5 | 26199-48A | IO-540-AB1A5 | 25981-48A |
| AEIO-540-D4A5 | 25990-48A | AEIO-540-L1B5 | 26200-48A | IO-540-AB1A5 | 25982-48A |
| AEIO-540-D4A5 | 25993-48A | AEIO-540-L1B5 | 26226-48A | IO-540-AB1A5 | 25983-48A |
| AEIO-540-D4A5 | 25994-48A | AEIO-540-L1B5 | 26227-48A | IO-540-AB1A5 | 25996-48A |
| AEIO-540-D4A5 | 26001-48A | AEIO-540-L1B5 | 26228-48A | IO-540-AB1A5 | 25997-48A |
| AEIO-540-D4A5 | 26025-48A | AEIO-540-L1B5 | 26229-48A | IO-540-AB1A5 | 25998-48A |
| AEIO-540-D4A5 | 26098-48A | AEIO-540-L1B5 | 26285-48A | IO-540-AB1A5 | 25999-48A |
| AEIO-540-D4A5 | 26284-48A | AEIO-540-L1B5 | 26286-48A | IO-540-AB1A5 | 26008-48A |
| AEIO-540-D4A5 | 26306-48A | AEIO-540-L1B5 | 26288-48A | IO-540-AB1A5 | 26009-48A |
| AEIO-540-D4A5 | 26314-48A | AEIO-540-L1B5 | 26293-48A | IO-540-AB1A5 | 26010-48A |
| AEIO-540-D4A5 | 26324-48A | AEIO-540-L1B5 | 26297-48A | IO-540-AB1A5 | 26011-48A |
| AEIO-540-D4A5 | 26325-48A | AEIO-540-L1B5 | 26298-48A | IO-540-AB1A5 | 26012-48A |
| AEIO-540-D4A5 | 26365-48A | AEIO-540-L1B5 | 26318-48A | IO-540-AB1A5 | 26013-48A |
| AEIO-540-D4A5 | 26366-48A | AEIO-540-L1B5 | 26319-48A | IO-540-AB1A5 | 26014-48A |
| AEIO-540-D4A5 | 26367-48A | AEIO-540-L1B5 | 26326-48A | IO-540-AB1A5 | 26015-48A |
| AEIO-540-D4A5 | 26384-48A | AEIO-540-L1B5 | 26327-48A | IO-540-AB1A5 | 26016-48A |
| AEIO-540-D4A5 | 26387-48A | AEIO-540-L1B5 | 26328-48A | IO-540-AB1A5 | 26017-48A |
| AEIO-540-D4A5 | 26389-48A | AEIO-540-L1B5 | 26329-48A | IO-540-AB1A5 | 26032-48A |
| AEIO-540-D4A5 | 26410-48A | AEIO-540-L1B5 | 26330-48A | IO-540-AB1A5 | 26033-48A |
| AEIO-540-D4A5 | 26411-48A | AEIO-540-L1B5 | 26331-48A | IO-540-AB1A5 | 26034-48A |
| AEIO-540-D4A5 | 26439-48A | AEIO-540-L1B5 | 26332-48A | IO-540-AB1A5 | 26035-48A |
| AEIO-540-D4A5 | 26486-48A | AEIO-540-L1B5 | 26333-48A | IO-540-AB1A5 | 26036-48A |
| AEIO-540-D4A5 | 26487-48A | AEIO-540-L1B5 | 26347-48A | IO-540-AB1A5 | 26037-48A |
| AEIO-540-L1B5 | 25575-48A | AEIO-540-L1B5 | 26352-48A | IO-540-AB1A5 | 26038-48A |
| AEIO-540-L1B5 | 25966-48A | AEIO-540-L1B5 | 26353-48A | IO-540-AB1A5 | 26039-48A |
| AEIO-540-L1B5 | 25973-48A | AEIO-540-L1B5 | 26357-48A | IO-540-AB1A5 | 26040-48A |
| AEIO-540-L1B5 | 26068-48A | AEIO-540-L1B5 | 26364-48A | IO-540-AB1A5 | 26041-48A |
| AEIO-540-L1B5 | 26069-48A | AEIO-540-L1B5 | 26382-48A | IO-540-AB1A5 | 26042-48A |
| AEIO-540-L1B5 | 26102-48A | AEIO-540-L1B5 | 26400-48A | IO-540-AB1A5 | 26043-48A |
| AEIO-540-L1B5 | 26103-48A | AEIO-540-L1B5 | 26436-48A | IO-540-AB1A5 | 26046-48A |
| AEIO-540-L1B5 | 26108-48A | AEIO-540-L1B5 | 26483-48A | IO-540-AB1A5 | 26047-48A |

| MODEL | ENGINE S/N | MODEL | ENGINE S/N | MODEL | ENGINE S/N |
|--------------|------------|--------------|------------|--------------|------------|
| IO-540-AB1A5 | 26048-48A | IO-540-AB1A5 | 26128-48A | IO-540-AB1A5 | 26186-48A |
| IO-540-AB1A5 | 26049-48A | IO-540-AB1A5 | 26129-48A | IO-540-AB1A5 | 26187-48A |
| IO-540-AB1A5 | 26050-48A | IO-540-AB1A5 | 26130-48A | IO-540-AB1A5 | 26188-48A |
| IO-540-AB1A5 | 26051-48A | IO-540-AB1A5 | 26131-48A | IO-540-AB1A5 | 26189-48A |
| IO-540-AB1A5 | 26052-48A | IO-540-AB1A5 | 26132-48A | IO-540-AB1A5 | 26192-48A |
| IO-540-AB1A5 | 26053-48A | IO-540-AB1A5 | 26133-48A | IO-540-AB1A5 | 26193-48A |
| IO-540-AB1A5 | 26054-48A | IO-540-AB1A5 | 26134-48A | IO-540-AB1A5 | 26194-48A |
| IO-540-AB1A5 | 26055-48A | IO-540-AB1A5 | 26135-48A | IO-540-AB1A5 | 26195-48A |
| IO-540-AB1A5 | 26062-48A | IO-540-AB1A5 | 26136-48A | IO-540-AB1A5 | 26201-48A |
| IO-540-AB1A5 | 26063-48A | IO-540-AB1A5 | 26137-48A | IO-540-AB1A5 | 26202-48A |
| IO-540-AB1A5 | 26072-48A | IO-540-AB1A5 | 26143-48A | IO-540-AB1A5 | 26203-48A |
| IO-540-AB1A5 | 26073-48A | IO-540-AB1A5 | 26144-48A | IO-540-AB1A5 | 26204-48A |
| IO-540-AB1A5 | 26074-48A | IO-540-AB1A5 | 26145-48A | IO-540-AB1A5 | 26213-48A |
| IO-540-AB1A5 | 26075-48A | IO-540-AB1A5 | 26146-48A | IO-540-AB1A5 | 26214-48A |
| IO-540-AB1A5 | 26076-48A | IO-540-AB1A5 | 26147-48A | IO-540-AB1A5 | 26215-48A |
| IO-540-AB1A5 | 26077-48A | IO-540-AB1A5 | 26148-48A | IO-540-AB1A5 | 26216-48A |
| IO-540-AB1A5 | 26078-48A | IO-540-AB1A5 | 26149-48A | IO-540-AB1A5 | 26218-48A |
| IO-540-AB1A5 | 26079-48A | IO-540-AB1A5 | 26150-48A | IO-540-AB1A5 | 26219-48A |
| IO-540-AB1A5 | 26080-48A | IO-540-AB1A5 | 26151-48A | IO-540-AB1A5 | 26220-48A |
| IO-540-AB1A5 | 26081-48A | IO-540-AB1A5 | 26155-48A | IO-540-AB1A5 | 26221-48A |
| IO-540-AB1A5 | 26082-48A | IO-540-AB1A5 | 26156-48A | IO-540-AB1A5 | 26222-48A |
| IO-540-AB1A5 | 26083-48A | IO-540-AB1A5 | 26158-48A | IO-540-AB1A5 | 26223-48A |
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| IO-540-AB1A5 | 26088-48A | IO-540-AB1A5 | 26160-48A | IO-540-AB1A5 | 26225-48A |
| IO-540-AB1A5 | 26089-48A | IO-540-AB1A5 | 26163-48A | IO-540-AB1A5 | 26230-48A |
| IO-540-AB1A5 | 26091-48A | IO-540-AB1A5 | 26164-48A | IO-540-AB1A5 | 26231-48A |
| IO-540-AB1A5 | 26097-48A | IO-540-AB1A5 | 26165-48A | IO-540-AB1A5 | 26232-48A |
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| IO-540-AB1A5 | 26101-48A | IO-540-AB1A5 | 26167-48A | IO-540-AB1A5 | 26234-48A |
| IO-540-AB1A5 | 26104-48A | IO-540-AB1A5 | 26168-48A | IO-540-AB1A5 | 26235-48A |
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| IO-540-AB1A5 | 26111-48A | IO-540-AB1A5 | 26170-48A | IO-540-AB1A5 | 26237-48A |
| IO-540-AB1A5 | 26112-48A | IO-540-AB1A5 | 26171-48A | IO-540-AB1A5 | 26238-48A |
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| IO-540-AB1A5 | 26114-48A | IO-540-AB1A5 | 26173-48A | IO-540-AB1A5 | 26241-48A |
| IO-540-AB1A5 | 26116-48A | IO-540-AB1A5 | 26179-48A | IO-540-AB1A5 | 26242-48A |
| IO-540-AB1A5 | 26117-48A | IO-540-AB1A5 | 26180-48A | IO-540-AB1A5 | 26243-48A |
| IO-540-AB1A5 | 26118-48A | IO-540-AB1A5 | 26181-48A | IO-540-AB1A5 | 26245-48A |
| IO-540-AB1A5 | 26122-48A | IO-540-AB1A5 | 26182-48A | IO-540-AB1A5 | 26246-48A |
| IO-540-AB1A5 | 26123-48A | IO-540-AB1A5 | 26183-48A | IO-540-AB1A5 | 26247-48A |
| IO-540-AB1A5 | 26126-48A | IO-540-AB1A5 | 26184-48A | IO-540-AB1A5 | 26248-48A |
| IO-540-AB1A5 | 26127-48A | IO-540-AB1A5 | 26185-48A | IO-540-AB1A5 | 26249-48A |

| MODEL | ENGINE S/N | MODEL | ENGINE S/N | MODEL | ENGINE S/N |
|--------------|------------|--------------|------------|--------------|------------|
| IO-540-AB1A5 | 26250-48A | IO-540-AB1A5 | 26372-48A | IO-540-AB1A5 | 26435-48A |
| IO-540-AB1A5 | 26251-48A | IO-540-AB1A5 | 26373-48A | IO-540-AB1A5 | 26440-48A |
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| IO-540-AB1A5 | 26254-48A | IO-540-AB1A5 | 26377-48A | IO-540-AB1A5 | 26443-48A |
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| IO-540-AB1A5 | 26258-48A | IO-540-AB1A5 | 26390-48A | IO-540-AB1A5 | 26446-48A |
| IO-540-AB1A5 | 26259-48A | IO-540-AB1A5 | 26391-48A | IO-540-AB1A5 | 26447-48A |
| IO-540-AB1A5 | 26260-48A | IO-540-AB1A5 | 26392-48A | IO-540-AB1A5 | 26448-48A |
| IO-540-AB1A5 | 26261-48A | IO-540-AB1A5 | 26393-48A | IO-540-AB1A5 | 26449-48A |
| IO-540-AB1A5 | 26262-48A | IO-540-AB1A5 | 26394-48A | IO-540-AB1A5 | 26450-48A |
| IO-540-AB1A5 | 26263-48A | IO-540-AB1A5 | 26395-48A | IO-540-AB1A5 | 26451-48A |
| IO-540-AB1A5 | 26264-48A | IO-540-AB1A5 | 26396-48A | IO-540-AB1A5 | 26455-48A |
| IO-540-AB1A5 | 26271-48A | IO-540-AB1A5 | 26397-48A | IO-540-AB1A5 | 26456-48A |
| IO-540-AB1A5 | 26272-48A | IO-540-AB1A5 | 26398-48A | IO-540-AB1A5 | 26457-48A |
| IO-540-AB1A5 | 26273-48A | IO-540-AB1A5 | 26399-48A | IO-540-AB1A5 | 26458-48A |
| IO-540-AB1A5 | 26274-48A | IO-540-AB1A5 | 26401-48A | IO-540-AB1A5 | 26459-48A |
| IO-540-AB1A5 | 26275-48A | IO-540-AB1A5 | 26402-48A | IO-540-AB1A5 | 26461-48A |
| IO-540-AB1A5 | 26276-48A | IO-540-AB1A5 | 26406-48A | IO-540-AB1A5 | 26462-48A |
| IO-540-AB1A5 | 26277-48A | IO-540-AB1A5 | 26407-48A | IO-540-AB1A5 | 26463-48A |
| IO-540-AB1A5 | 26278-48A | IO-540-AB1A5 | 26408-48A | IO-540-AB1A5 | 26464-48A |
| IO-540-AB1A5 | 26279-48A | IO-540-AB1A5 | 26409-48A | IO-540-AB1A5 | 26465-48A |
| IO-540-AB1A5 | 26280-48A | IO-540-AB1A5 | 26414-48A | IO-540-AB1A5 | 26466-48A |
| IO-540-AB1A5 | 26281-48A | IO-540-AB1A5 | 26415-48A | IO-540-AB1A5 | 26467-48A |
| IO-540-AB1A5 | 26282-48A | IO-540-AB1A5 | 26416-48A | IO-540-AB1A5 | 26468-48A |
| IO-540-AB1A5 | 26283-48A | IO-540-AB1A5 | 26417-48A | IO-540-AB1A5 | 26469-48A |
| IO-540-AB1A5 | 26287-48A | IO-540-AB1A5 | 26418-48A | IO-540-AB1A5 | 26470-48A |
| IO-540-AB1A5 | 26289-48A | IO-540-AB1A5 | 26419-48A | IO-540-AB1A5 | 26471-48A |
| IO-540-AB1A5 | 26291-48A | IO-540-AB1A5 | 26420-48A | IO-540-AB1A5 | 26472-48A |
| IO-540-AB1A5 | 26292-48A | IO-540-AB1A5 | 26421-48A | IO-540-AB1A5 | 26473-48A |
| IO-540-AB1A5 | 26295-48A | IO-540-AB1A5 | 26422-48A | IO-540-AB1A5 | 26474-48A |
| IO-540-AB1A5 | 26300-48A | IO-540-AB1A5 | 26423-48A | IO-540-AB1A5 | 26475-48A |
| IO-540-AB1A5 | 26301-48A | IO-540-AB1A5 | 26424-48A | IO-540-AB1A5 | 26476-48A |
| IO-540-AB1A5 | 26303-48A | IO-540-AB1A5 | 26426-48A | IO-540-AB1A5 | 26477-48A |
| IO-540-AB1A5 | 26304-48A | IO-540-AB1A5 | 26427-48A | IO-540-AB1A5 | 26478-48A |
| IO-540-AB1A5 | 26307-48A | IO-540-AB1A5 | 26429-48A | IO-540-AB1A5 | 26482-48A |
| IO-540-AB1A5 | 26308-48A | IO-540-AB1A5 | 26430-48A | IO-540-AB1A5 | 26489-48A |
| IO-540-AB1A5 | 26309-48A | IO-540-AB1A5 | 26431-48A | IO-540-AB1A5 | 26492-48A |
| IO-540-AB1A5 | 26369-48A | IO-540-AB1A5 | 26432-48A | IO-540-AB1A5 | 26493-48A |
| IO-540-AB1A5 | 26370-48A | IO-540-AB1A5 | 26433-48A | IO-540-AB1A5 | 26494-48A |
| IO-540-AB1A5 | 26371-48A | IO-540-AB1A5 | 26434-48A | IO-540-AB1A5 | 26495-48A |

| MODEL | ENGINE S/N | MODEL | ENGINE S/N | MODEL | ENGINE S/N |
|--------------|------------|-------------|------------|-------------|------------|
| IO-540-AB1A5 | 26496-48A | IO-540-C4B5 | 12437-48A | IO-540-K1G5 | 25968-48A |
| IO-540-AB1A5 | 26497-48A | IO-540-C4B5 | 20091-48A | IO-540-K1G5 | 25970-48A |
| IO-540-AB1A5 | 26498-48A | IO-540-C4B5 | 26310-48A | IO-540-K1G5 | 25971-48A |
| IO-540-AB1A5 | 26499-48A | IO-540-C4D5 | 26383-48A | IO-540-K1G5 | 25979-48A |
| IO-540-AB1A5 | 26500-48A | IO-540-D4A5 | 26481-48A | IO-540-K1G5 | 25985-48A |
| IO-540-AB1A5 | 26501-48A | IO-540-K1A5 | 8311-48 | IO-540-K1G5 | 25987-48A |
| IO-540-AB1A5 | 26509-48A | IO-540-K1A5 | 17896-48A | IO-540-K1G5 | 25988-48A |
| IO-540-AB1A5 | 26511-48A | IO-540-K1A5 | 24106-48A | IO-540-K1G5 | 26003-48A |
| IO-540-AB1A5 | 26512-48A | IO-540-K1A5 | 26437-48A | IO-540-K1G5 | 26004-48A |
| IO-540-AB1A5 | 26513-48A | IO-540-K1A5 | 26484-48A | IO-540-K1G5 | 26018-48A |
| IO-540-AB1A5 | 26514-48A | IO-540-K1B5 | 8774-48A | IO-540-K1G5 | 26019-48A |
| IO-540-AB1A5 | 26515-48A | IO-540-K1B5 | 15264-48A | IO-540-K1G5 | 26020-48A |
| IO-540-AB1A5 | 26516-48A | IO-540-K1B5 | 15512-48A | IO-540-K1G5 | 26021-48A |
| IO-540-AB1A5 | 26517-48A | IO-540-K1B5 | 17867-48A | IO-540-K1G5 | 26022-48A |
| IO-540-AB1A5 | 26518-48A | IO-540-K1B5 | 18954-48A | IO-540-K1G5 | 26023-48A |
| IO-540-AB1A5 | 26519-48A | IO-540-K1B5 | 19690-48A | IO-540-K1G5 | 26029-48A |
| IO-540-AB1A5 | 26521-48A | IO-540-K1B5 | 25995-48A | IO-540-K1G5 | 26057-48A |
| IO-540-AB1A5 | 26527-48A | IO-540-K1B5 | 26142-48A | IO-540-K1G5 | 26058-48A |
| IO-540-AB1A5 | 26529-48A | IO-540-K1B5 | 26265-48A | IO-540-K1G5 | 26070-48A |
| IO-540-AB1A5 | 26531-48A | IO-540-K1B5 | 26267-48A | IO-540-K1G5 | 26071-48A |
| IO-540-AB1A5 | 26532-48A | IO-540-K1B5 | 26268-48A | IO-540-K1G5 | 26094-48A |
| IO-540-AC1A5 | 26549-48A | IO-540-K1B5 | 26269-48A | IO-540-K1G5 | 26107-48A |
| IO-540-AC1A5 | 26550-48A | IO-540-K1B5 | 26321-48A | IO-540-K1G5 | 26299-48A |
| IO-540-AC1A5 | 26673-48A | IO-540-K1B5 | 26322-48A | IO-540-K1G5 | 26302-48A |
| IO-540-AC1A5 | 26674-48A | IO-540-K1B5 | 26336-48A | IO-540-K1G5 | 26320-48A |
| IO-540-AC1A5 | 26675-48A | IO-540-K1B5 | 26337-48A | IO-540-K1G5 | 26334-48A |
| IO-540-AC1A5 | 26676-48A | IO-540-K1B5 | 26338-48A | IO-540-K1G5 | 26342-48A |
| IO-540-AC1A5 | 26677-48A | IO-540-K1B5 | 26339-48A | IO-540-K1G5 | 26343-48A |
| IO-540-AC1A5 | 26678-48A | IO-540-K1B5 | 26340-48A | IO-540-K1G5 | 26346-48A |
| IO-540-AC1A5 | 26679-48A | IO-540-K1B5 | 26348-48A | IO-540-K1G5 | 26351-48A |
| IO-540-AC1A5 | 26681-48A | IO-540-K1B5 | 26349-48A | IO-540-K1G5 | 26359-48A |
| IO-540-AC1A5 | 26682-48A | IO-540-K1B5 | 26485-48A | IO-540-K1G5 | 26360-48A |
| IO-540-AC1A5 | 26683-48A | IO-540-K1D5 | 26024-48A | IO-540-K1G5 | 26374-48A |
| IO-540-AC1A5 | 26684-48A | IO-540-K1D5 | 26191-48A | IO-540-K1G5 | 26438-48A |
| IO-540-AC1A5 | 26685-48A | IO-540-K1E5 | 19066-48A | IO-540-K1G5 | 26479-48A |
| IO-540-AC1A5 | 26733-48A | IO-540-K1G5 | 7712-48A | IO-540-K1G5 | 26490-48A |
| IO-540-C4B5 | 868-48 | IO-540-K1G5 | 15755-48A | IO-540-K1G5 | 26491-48A |
| IO-540-C4B5 | 2277-48 | IO-540-K1G5 | 19616-48A | IO-540-K1G5 | 26510-48A |
| IO-540-C4B5 | 5455-48 | IO-540-K1G5 | 19711-48A | IO-540-K1G5 | 26540-48A |
| IO-540-C4B5 | 6402-48 | IO-540-K1G5 | 24759-48A | IO-540-K1G5 | 26541-48A |
| IO-540-C4B5 | 11558-48 | IO-540-K1G5 | 25499-48A | IO-540-K1H5 | 25424-48A |
| IO-540-C4B5 | 11982-48 | IO-540-K1G5 | 25967-48A | IO-540-K1H5 | 26121-48A |

| MODEL | ENGINE S/N | MODEL | ENGINE S/N | MODEL | ENGINE S/N |
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| IO-540-K1H5 | 26140-48A | IO-540-W1A5 | 26316-48A | O-540-E4A5 | 22884-40A |
| IO-540-K1H5 | 26141-48A | IO-540-W1A5 | 26344-48A | O-540-E4A5 | 23896-40A |
| IO-540-K1H5 | 26266-48A | IO-540-W1A5 | 26350-48A | O-540-E4A5 | 24218-40A |
| IO-540-K1H5 | 26305-48A | IO-540-W1A5 | 26363-48A | O-540-E4A5 | 24451-40A |
| IO-540-K1H5 | 26345-48A | IO-540-W1A5 | 26368-48A | O-540-E4A5 | 25220-40A |
| IO-540-K1H5 | 26403-48A | IO-540-W1A5 | 26380-48A | O-540-E4A5 | 25226-40A |
| IO-540-L1C5 | 26196-48A | IO-540-W1A5 | 26381-48A | O-540-E4A5 | 25227-40A |
| IO-540-T4B5 | 26161-48A | IO-540-W1A5 | 26412-48A | O-540-E4A5 | 25324-40A |
| IO-540-T4B5 | 26162-48A | IO-540-W1A5 | 26413-48A | O-540-E4A5 | 25325-40A |
| IO-540-T4B5 | 26190-48A | LTIO-540-J2B | 2955-68A | O-540-E4A5 | 25326-40A |
| IO-540-T4B5 | 26256-48A | LTIO-540-J2B | 2975-68A | O-540-E4A5 | 25327-40A |
| IO-540-T4B5 | 26317-48A | LTIO-540-J2B | 2976-68A | O-540-E4B5 | 25334-40A |
| IO-540-T4B5 | 26386-48A | LTIO-540-J2B | 2977-68A | O-540-E4C5 | 498-40 |
| IO-540-T4B5 | 26524-48A | LTIO-540-U2A | 2974-68A | O-540-E4C5 | 864-40 |
| IO-540-T4B5 | 26525-48A | O-540-A4A5 | 25147-40A | O-540-E4C5 | 14551-40 |
| IO-540-V4A5 | 25955-48A | O-540-A4A5 | 25148-40A | O-540-E4C5 | 14158-40A |
| IO-540-V4A5 | 25956-48A | O-540-A4A5 | 25197-40A | O-540-E4C5 | 18205-40A |
| IO-540-V4A5 | 25965-48A | O-540-B2C5 | 19102-40A | O-540-E4C5 | 21315-40A |
| IO-540-V4A5 | 25972-48A | O-540-B2C5 | 25165-40A | O-540-E4C5 | 24172-40A |
| IO-540-V4A5 | 25978-48A | O-540-B4B5 | 4807-40 | O-540-E4C5 | 24227-40A |
| IO-540-V4A5 | 25986-48A | O-540-B4B5 | 12297-40 | O-540-E4C5 | 25205-40A |
| IO-540-V4A5 | 26027-48A | O-540-B4B5 | 25051-40A | O-540-E4C5 | 25215-40A |
| IO-540-V4A5 | 26361-48A | O-540-B4B5 | 25060-40A | O-540-E4C5 | 25224-40A |
| IO-540-V4A5 | 26425-48A | O-540-B4B5 | 25107-40A | O-540-E4C5 | 25225-40A |
| IO-540-V4A5 | 26460-48A | O-540-B4B5 | 25108-40A | O-540-E4C5 | 25288-40A |
| IO-540-V4A5 | 26488-48A | O-540-B4B5 | 25109-40A | O-540-E4C5 | 25289-40A |
| IO-540-W1A5 | 25951-48A | O-540-B4B5 | 25110-40A | O-540-E4C5 | 25318-40A |
| IO-540-W1A5 | 25952-48A | O-540-B4B5 | 25111-40A | O-540-E4C5 | 25335-40A |
| IO-540-W1A5 | 25953-48A | O-540-B4B5 | 25194-40A | O-540-F1B5 | 24974-40A |
| IO-540-W1A5 | 25954-48A | O-540-B4B5 | 25195-40A | O-540-F1B5 | 25009-40A |
| IO-540-W1A5 | 25958-48A | O-540-B4B5 | 25196-40A | O-540-F1B5 | 25050-40A |
| IO-540-W1A5 | 26006-48A | O-540-B4B5 | 25199-40A | O-540-F1B5 | 25052-40A |
| IO-540-W1A5 | 26115-48A | O-540-B4B5 | 25203-40A | O-540-F1B5 | 25053-40A |
| IO-540-W1A5 | 26124-48A | O-540-B4B5 | 25287-40A | O-540-F1B5 | 25054-40A |
| IO-540-W1A5 | 26125-48A | O-540-B4B5 | 25303-40A | O-540-F1B5 | 25063-40A |
| IO-540-W1A5 | 26152-48A | O-540-B4B5 | 25320-40A | O-540-F1B5 | 25064-40A |
| IO-540-W1A5 | 26154-48A | O-540-E4A5 | 13783-40A | O-540-F1B5 | 25065-40A |
| IO-540-W1A5 | 26175-48A | O-540-E4A5 | 18285-40A | O-540-F1B5 | 25066-40A |
| IO-540-W1A5 | 26176-48A | O-540-E4A5 | 19597-40A | O-540-F1B5 | 25067-40A |
| IO-540-W1A5 | 26294-48A | O-540-E4A5 | 19909-40A | O-540-F1B5 | 25068-40A |
| IO-540-W1A5 | 26313-48A | O-540-E4A5 | 20253-40A | O-540-F1B5 | 25069-40A |
| IO-540-W1A5 | 26315-48A | O-540-E4A5 | 21390-40A | O-540-F1B5 | 25070-40A |

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| O-540-F1B5 | 25071-40A | O-540-F1B5 | 25125-40A | O-540-F1B5 | 25175-40A |
| O-540-F1B5 | 25072-40A | O-540-F1B5 | 25126-40A | O-540-F1B5 | 25176-40A |
| O-540-F1B5 | 25073-40A | O-540-F1B5 | 25127-40A | O-540-F1B5 | 25177-40A |
| O-540-F1B5 | 25074-40A | O-540-F1B5 | 25128-40A | O-540-F1B5 | 25178-40A |
| O-540-F1B5 | 25075-40A | O-540-F1B5 | 25129-40A | O-540-F1B5 | 25179-40A |
| O-540-F1B5 | 25076-40A | O-540-F1B5 | 25131-40A | O-540-F1B5 | 25180-40A |
| O-540-F1B5 | 25077-40A | O-540-F1B5 | 25132-40A | O-540-F1B5 | 25182-40A |
| O-540-F1B5 | 25078-40A | O-540-F1B5 | 25133-40A | O-540-F1B5 | 25183-40A |
| O-540-F1B5 | 25080-40A | O-540-F1B5 | 25134-40A | O-540-F1B5 | 25184-40A |
| O-540-F1B5 | 25081-40A | O-540-F1B5 | 25135-40A | O-540-F1B5 | 25185-40A |
| O-540-F1B5 | 25083-40A | O-540-F1B5 | 25136-40A | O-540-F1B5 | 25186-40A |
| O-540-F1B5 | 25084-40A | O-540-F1B5 | 25137-40A | O-540-F1B5 | 25187-40A |
| O-540-F1B5 | 25085-40A | O-540-F1B5 | 25138-40A | O-540-F1B5 | 25188-40A |
| O-540-F1B5 | 25086-40A | O-540-F1B5 | 25139-40A | O-540-F1B5 | 25189-40A |
| O-540-F1B5 | 25087-40A | O-540-F1B5 | 25140-40A | O-540-F1B5 | 25190-40A |
| O-540-F1B5 | 25089-40A | O-540-F1B5 | 25141-40A | O-540-F1B5 | 25191-40A |
| O-540-F1B5 | 25090-40A | O-540-F1B5 | 25142-40A | O-540-F1B5 | 25192-40A |
| O-540-F1B5 | 25091-40A | O-540-F1B5 | 25143-40A | O-540-F1B5 | 25193-40A |
| O-540-F1B5 | 25092-40A | O-540-F1B5 | 25144-40A | O-540-F1B5 | 25198-40A |
| O-540-F1B5 | 25093-40A | O-540-F1B5 | 25145-40A | O-540-F1B5 | 25200-40A |
| O-540-F1B5 | 25094-40A | O-540-F1B5 | 25146-40A | O-540-F1B5 | 25201-40A |
| O-540-F1B5 | 25095-40A | O-540-F1B5 | 25149-40A | O-540-F1B5 | 25202-40A |
| O-540-F1B5 | 25096-40A | O-540-F1B5 | 25150-40A | O-540-F1B5 | 25204-40A |
| O-540-F1B5 | 25097-40A | O-540-F1B5 | 25154-40A | O-540-F1B5 | 25206-40A |
| O-540-F1B5 | 25098-40A | O-540-F1B5 | 25155-40A | O-540-F1B5 | 25207-40A |
| O-540-F1B5 | 25099-40A | O-540-F1B5 | 25156-40A | O-540-F1B5 | 25208-40A |
| O-540-F1B5 | 25100-40A | O-540-F1B5 | 25157-40A | O-540-F1B5 | 25209-40A |
| O-540-F1B5 | 25101-40A | O-540-F1B5 | 25158-40A | O-540-F1B5 | 25211-40A |
| O-540-F1B5 | 25102-40A | O-540-F1B5 | 25159-40A | O-540-F1B5 | 25212-40A |
| O-540-F1B5 | 25103-40A | O-540-F1B5 | 25160-40A | O-540-F1B5 | 25213-40A |
| O-540-F1B5 | 25104-40A | O-540-F1B5 | 25161-40A | O-540-F1B5 | 25214-40A |
| O-540-F1B5 | 25105-40A | O-540-F1B5 | 25162-40A | O-540-F1B5 | 25217-40A |
| O-540-F1B5 | 25106-40A | O-540-F1B5 | 25164-40A | O-540-F1B5 | 25218-40A |
| O-540-F1B5 | 25116-40A | O-540-F1B5 | 25166-40A | O-540-F1B5 | 25219-40A |
| O-540-F1B5 | 25117-40A | O-540-F1B5 | 25167-40A | O-540-F1B5 | 25221-40A |
| O-540-F1B5 | 25118-40A | O-540-F1B5 | 25168-40A | O-540-F1B5 | 25222-40A |
| O-540-F1B5 | 25119-40A | O-540-F1B5 | 25169-40A | O-540-F1B5 | 25223-40A |
| O-540-F1B5 | 25120-40A | O-540-F1B5 | 25170-40A | O-540-F1B5 | 25228-40A |
| O-540-F1B5 | 25121-40A | O-540-F1B5 | 25171-40A | O-540-F1B5 | 25229-40A |
| O-540-F1B5 | 25122-40A | O-540-F1B5 | 25172-40A | O-540-F1B5 | 25230-40A |
| O-540-F1B5 | 25123-40A | O-540-F1B5 | 25173-40A | O-540-F1B5 | 25231-40A |
| O-540-F1B5 | 25124-40A | O-540-F1B5 | 25174-40A | O-540-F1B5 | 25232-40A |

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| O-540-F1B5 | 25233-40A | O-540-F1B5 | 25284-40A | O-540-J3A5 | 25062-40A |
| O-540-F1B5 | 25234-40A | O-540-F1B5 | 25285-40A | O-540-J3A5 | 25079-40A |
| O-540-F1B5 | 25235-40A | O-540-F1B5 | 25286-40A | O-540-J3A5 | 25082-40A |
| O-540-F1B5 | 25236-40A | O-540-F1B5 | 25290-40A | O-540-J3A5 | 25112-40A |
| O-540-F1B5 | 25237-40A | O-540-F1B5 | 25291-40A | O-540-J3A5 | 25113-40A |
| O-540-F1B5 | 25238-40A | O-540-F1B5 | 25293-40A | O-540-J3A5 | 25114-40A |
| O-540-F1B5 | 25240-40A | O-540-F1B5 | 25294-40A | O-540-J3A5 | 25115-40A |
| O-540-F1B5 | 25241-40A | O-540-F1B5 | 25295-40A | O-540-J3A5 | 25151-40A |
| O-540-F1B5 | 25242-40A | O-540-F1B5 | 25296-40A | O-540-J3A5 | 25152-40A |
| O-540-F1B5 | 25243-40A | O-540-F1B5 | 25297-40A | O-540-J3A5 | 25153-40A |
| O-540-F1B5 | 25244-40A | O-540-F1B5 | 25298-40A | O-540-J3A5 | 25163-40A |
| O-540-F1B5 | 25245-40A | O-540-F1B5 | 25299-40A | TIO-540-A1B | 9825-61A |
| O-540-F1B5 | 25246-40A | O-540-F1B5 | 25300-40A | TIO-540-A2C | 2396-61A |
| O-540-F1B5 | 25249-40A | O-540-F1B5 | 25301-40A | TIO-540-AE2A | 8425-61A |
| O-540-F1B5 | 25250-40A | O-540-F1B5 | 25302-40A | TIO-540-AE2A | 9674-61A |
| O-540-F1B5 | 25251-40A | O-540-F1B5 | 25304-40A | TIO-540-AE2A | 9719-61A |
| O-540-F1B5 | 25252-40A | O-540-F1B5 | 25305-40A | TIO-540-AE2A | 9781-61A |
| O-540-F1B5 | 25253-40A | O-540-F1B5 | 25306-40A | TIO-540-AE2A | 9791-61A |
| O-540-F1B5 | 25254-40A | O-540-F1B5 | 25307-40A | TIO-540-AE2A | 9795-61A |
| O-540-F1B5 | 25255-40A | O-540-F1B5 | 25308-40A | TIO-540-AE2A | 9800-61A |
| O-540-F1B5 | 25256-40A | O-540-F1B5 | 25309-40A | TIO-540-AE2A | 9805-61A |
| O-540-F1B5 | 25257-40A | O-540-F1B5 | 25310-40A | TIO-540-AE2A | 9807-61A |
| O-540-F1B5 | 25258-40A | O-540-F1B5 | 25311-40A | TIO-540-AE2A | 9814-61A |
| O-540-F1B5 | 25259-40A | O-540-F1B5 | 25312-40A | TIO-540-AE2A | 9816-61A |
| O-540-F1B5 | 25260-40A | O-540-F1B5 | 25314-40A | TIO-540-AE2A | 9817-61A |
| O-540-F1B5 | 25261-40A | O-540-F1B5 | 25315-40A | TIO-540-AE2A | 9818-61A |
| O-540-F1B5 | 25262-40A | O-540-F1B5 | 25316-40A | TIO-540-AE2A | 9819-61A |
| O-540-F1B5 | 25263-40A | O-540-F1B5 | 25319-40A | TIO-540-AE2A | 9820-61A |
| O-540-F1B5 | 25265-40A | O-540-F1B5 | 25328-40A | TIO-540-AE2A | 9821-61A |
| O-540-F1B5 | 25267-40A | O-540-F1B5 | 25329-40A | TIO-540-AE2A | 9823-61A |
| O-540-F1B5 | 25268-40A | O-540-F1B5 | 25330-40A | TIO-540-AE2A | 9838-61A |
| O-540-F1B5 | 25269-40A | O-540-F1B5 | 25331-40A | TIO-540-AE2A | 9842-61A |
| O-540-F1B5 | 25271-40A | O-540-F1B5 | 25332-40A | TIO-540-AE2A | 9844-61A |
| O-540-F1B5 | 25272-40A | O-540-F1B5 | 25336-40A | TIO-540-AE2A | 9846-61A |
| O-540-F1B5 | 25274-40A | O-540-F1B5 | 25337-40A | TIO-540-AE2A | 9848-61A |
| O-540-F1B5 | 25275-40A | O-540-F1B5 | 25339-40A | TIO-540-AE2A | 9852-61A |
| O-540-F1B5 | 25278-40A | O-540-J3A5 | 25055-40A | TIO-540-AE2A | 9854-61A |
| O-540-F1B5 | 25279-40A | O-540-J3A5 | 25056-40A | TIO-540-AE2A | 9855-61A |
| O-540-F1B5 | 25280-40A | O-540-J3A5 | 25057-40A | TIO-540-AE2A | 9861-61A |
| O-540-F1B5 | 25281-40A | O-540-J3A5 | 25058-40A | TIO-540-AE2A | 9862-61A |
| O-540-F1B5 | 25282-40A | O-540-J3A5 | 25059-40A | TIO-540-AE2A | 9906-61A |
| O-540-F1B5 | 25283-40A | O-540-J3A5 | 25061-40A | TIO-540-AE2A | 9918-61A |

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| TIO-540-AE2A | 9919-61A | TIO-540-AF1B | 10000-61A | TIO-540-AH1A | 9933-61A |
| TIO-540-AE2A | 9930-61A | TIO-540-AF1B | 10010-61A | TIO-540-AH1A | 9935-61A |
| TIO-540-AE2A | 9931-61A | TIO-540-AF1B | 10011-61A | TIO-540-AH1A | 9936-61A |
| TIO-540-AE2A | 9951-61A | TIO-540-AF1B | 10029-61A | TIO-540-AH1A | 9949-61A |
| TIO-540-AE2A | 9952-61A | TIO-540-AG1A | 9864-61A | TIO-540-AH1A | 9950-61A |
| TIO-540-AE2A | 9953-61A | TIO-540-AG1A | 9872-61A | TIO-540-AH1A | 9955-61A |
| TIO-540-AE2A | 9962-61A | TIO-540-AG1A | 9912-61A | TIO-540-AH1A | 9957-61A |
| TIO-540-AE2A | 9963-61A | TIO-540-AG1A | 9921-61A | TIO-540-AH1A | 9959-61A |
| TIO-540-AE2A | 9964-61A | TIO-540-AG1A | 9932-61A | TIO-540-AH1A | 9961-61A |
| TIO-540-AE2A | 9968-61A | TIO-540-AG1A | 9971-61A | TIO-540-AH1A | 9974-61A |
| TIO-540-AE2A | 9985-61A | TIO-540-AG1A | 10001-61A | TIO-540-AH1A | 9975-61A |
| TIO-540-AE2A | 9987-61A | TIO-540-AG1A | 10012-61A | TIO-540-AH1A | 9977-61A |
| TIO-540-AE2A | 9994-61A | TIO-540-AH1A | 1005-61A | TIO-540-AH1A | 9978-61A |
| TIO-540-AE2A | 9998-61A | TIO-540-AH1A | 1369-61A | TIO-540-AH1A | 9981-61A |
| TIO-540-AE2A | 10002-61A | TIO-540-AH1A | 9867-61A | TIO-540-AH1A | 9983-61A |
| TIO-540-AE2A | 10016-61A | TIO-540-AH1A | 9868-61A | TIO-540-AH1A | 9986-61A |
| TIO-540-AE2A | 10027-61A | TIO-540-AH1A | 9869-61A | TIO-540-AH1A | 9991-61A |
| TIO-540-AE2A | 10028-61A | TIO-540-AH1A | 9879-61A | TIO-540-AH1A | 9992-61A |
| TIO-540-AF1B | 3268-61A | TIO-540-AH1A | 9880-61A | TIO-540-AH1A | 9995-61A |
| TIO-540-AF1B | 5317-61A | TIO-540-AH1A | 9881-61A | TIO-540-AH1A | 9996-61A |
| TIO-540-AF1B | 9730-61A | TIO-540-AH1A | 9882-61A | TIO-540-AH1A | 10003-61A |
| TIO-540-AF1B | 9790-61A | TIO-540-AH1A | 9884-61A | TIO-540-AH1A | 10005-61A |
| TIO-540-AF1B | 9801-61A | TIO-540-AH1A | 9885-61A | TIO-540-AH1A | 10007-61A |
| TIO-540-AF1B | 9802-61A | TIO-540-AH1A | 9886-61A | TIO-540-AH1A | 10013-61A |
| TIO-540-AF1B | 9803-61A | TIO-540-AH1A | 9887-61A | TIO-540-AH1A | 10017-61A |
| TIO-540-AF1B | 9806-61A | TIO-540-AH1A | 9890-61A | TIO-540-AH1A | 10025-61A |
| TIO-540-AF1B | 9811-61A | TIO-540-AH1A | 9891-61A | TIO-540-AH1A | 10026-61A |
| TIO-540-AF1B | 9829-61A | TIO-540-AH1A | 9893-61A | TIO-540-AJ1A | 10021-61A |
| TIO-540-AF1B | 9834-61A | TIO-540-AH1A | 9894-61A | TIO-540-AJ1A | 10022-61A |
| TIO-540-AF1B | 9835-61A | TIO-540-AH1A | 9896-61A | TIO-540-AJ1A | 10023-61A |
| TIO-540-AF1B | 9888-61A | TIO-540-AH1A | 9898-61A | TIO-540-AJ1A | 10036-61A |
| TIO-540-AF1B | 9889-61A | TIO-540-AH1A | 9900-61A | TIO-540-AJ1A | 10105-61A |
| TIO-540-AF1B | 9910-61A | TIO-540-AH1A | 9901-61A | TIO-540-AJ1A | 10106-61A |
| TIO-540-AF1B | 9911-61A | TIO-540-AH1A | 9902-61A | TIO-540-AJ1A | 10107-61A |
| TIO-540-AF1B | 9915-61A | TIO-540-AH1A | 9904-61A | TIO-540-AJ1A | 10108-61A |
| TIO-540-AF1B | 9947-61A | TIO-540-AH1A | 9905-61A | TIO-540-AJ1A | 10109-61A |
| TIO-540-AF1B | 9948-61A | TIO-540-AH1A | 9908-61A | TIO-540-AJ1A | 10110-61A |
| TIO-540-AF1B | 9956-61A | TIO-540-AH1A | 9909-61A | TIO-540-AJ1A | 10111-61A |
| TIO-540-AF1B | 9969-61A | TIO-540-AH1A | 9922-61A | TIO-540-AJ1A | 10113-61A |
| TIO-540-AF1B | 9979-61A | TIO-540-AH1A | 9923-61A | TIO-540-AJ1A | 10115-61A |
| TIO-540-AF1B | 9990-61A | TIO-540-AH1A | 9924-61A | TIO-540-AJ1A | 10117-61A |
| TIO-540-AF1B | 9999-61A | TIO-540-AH1A | 9925-61A | TIO-540-AJ1A | 10118-61A |

| MODEL | ENGINE S/N | MODEL | ENGINE S/N | MODEL | ENGINE S/N |
|-------------|------------|-------------|------------|-------------|------------|
| TIO-540-C1A | 3905-61A | TIO-540-J2B | 9958-61A | TIO-540-U2A | 10019-61A |
| TIO-540-J2B | 9798-61A | TIO-540-J2B | 9960-61A | TIO-540-U2A | 10035-61A |
| TIO-540-J2B | 9799-61A | TIO-540-J2B | 9967-61A | TIO-540-W2A | 9928-61A |
| TIO-540-J2B | 9942-61A | TIO-540-J2B | 9970-61A | TIO-540-W2A | 9929-61A |
| TIO-540-J2B | 9943-61A | TIO-540-J2B | 9972-61A | TIO-540-W2A | 9937-61A |
| TIO-540-J2B | 9944-61A | TIO-540-U2A | 9873-61A | TIO-540-W2A | 9938-61A |
| TIO-540-J2B | 9945-61A | TIO-540-U2A | 9920-61A | TIO-540-W2A | 10006-61A |