

Series 300 4039, 4045, and 6068 Marine Engines

**Deere Power Systems Group
OMRG20144 Issue B5
(This manual replaces OMRG20144 Issue D3)**

LITHO IN U.S.A.
ENGLISH

To The Operator

THIS OPERATING AND SERVICE MANUAL outlines the detailed service procedures and recommended service intervals for 4039, 4045, and 6068 Marine Engines to assure years of dependable and efficient performance. Each section is clearly identified so you can easily find the information you need—whether it is operation, lubrication, troubleshooting, or service.

SERVICE AND REPAIR/REPLACEMENT PROCEDURES outlined in this manual involve only the marine related components. For major internal engine repairs and externally accessible standard engine components (water pump, crankshaft oil seals, etc.), refer to CTM8—3029, 4039, 6059, 4045, and 6068 Engines Component Technical Manual. Have your authorized servicing dealer or marine engine distributor perform necessary repairs.

READ THIS MANUAL CAREFULLY to learn how to operate and service your engine correctly. Failure to do so could result in personal injury or equipment damage.

THIS MANUAL SHOULD BE CONSIDERED a permanent part of your boat and should remain with the boat when you sell it.

MEASUREMENTS in this manual are given in both metric and customary U.S. unit equivalents. Use only correct replacement parts and specified grade (or higher grade) of fasteners. Metric and inch fasteners may require a specific metric or inch wrench.

RIGHT-HAND AND LEFT-HAND sides are determined by facing the flywheel end (rear) of the engine and facing toward the front (water pump end) of engine.

WRITE PRODUCT IDENTIFICATION (SERIAL) NUMBERS and engine option codes in the spaces indicated in the Record Keeping Section of this manual. Accurately record all the numbers to help in tracing the boat should it be stolen. Your dealer also needs these numbers when parts are ordered for servicing. Since this manual is to remain on-board the boat at all times, also file the identification numbers in a secure place away from the boat.

SETTING FUEL DELIVERY beyond published factory specifications or otherwise overpowering will result in loss of warranty protection for this engine.

CERTAIN ENGINE ACCESSORIES such as air cleaner and instruments are optional equipment on John Deere Engines. These accessories may be provided by the equipment manufacturer instead of John Deere. This operator's manual applies only to the engine and those options provided through the John Deere parts distribution network.

• Engine Identification

MARINE ENGINES COVERED in this manual may be identified by the model number designation 4039D, 4045T, 6068D, or 6068T which are a portion of the serial number:

- The first digit shown indicates the number of cylinders.
- The second, third, and fourth digits indicate displacement in liters.
- The fifth digit (letter) indicates engine aspiration:
 - D—Naturally aspirated (non-turbocharged)
 - T—Turbocharged

For example: 4039D designates a 4-cylinder engine that has 3.9 L (239 cu. in.) displacement and the engine is naturally aspirated.

Engine Owner

JOHN DEERE ENGINE OWNER:

Don't wait until you need warranty or other service to meet your local John Deere Engine Distributor or Service Dealer.

Learn who he is and where he is. At your first convenience, go meet him. He'll want to get to know you and to learn what your needs might be.

UTILISATEURS DE MOTEURS JOHN DEERE:

N'attendez pas d'être obligé d'avoir recours à votre Concessionnaire ou Point de Service le plus proche pour vous adresser à lui.

Renseignez-vous dès que possible pour l'identifier et le localiser. A la première occasion, prenez contact avec lui et faites-vous connaître. Il sera lui aussi heureux de faire votre connaissance et de savoir que vous pourrez compter sur lui le moment venu.

AN DEN BESITZER DES JOHN DEERE MOTORS:

Warten Sie nicht auf einen evt. Reparaturfall um den nächstgelegenen John Deere Händler kennen zu lernen.

Machen Sie sich bei ihm bekannt und nutzen Sie sein "Service Angebot".

PROPRIETARIO DEL MOTORE JOHN DEERE:

Non aspetti fino a quando ha bisogno della garanzia o di un altro tipo di assistenza per incontrarsi con il Suo Concessionario che fornisce l'assistenza tecnica.

Impari a conoscere chi è e dove si trova. Alla Sua prima occasione cerchi d'incontrarlo. Egli desidera farsi conoscere e conoscere le Sue necessità.

PROPIETARIO DE EQUIPO JOHN DEERE:

No espere hasta necesitar servicio de garantía o de otro tipo para conocer a su Distribuidor de Motores John Deere o al Concesionario de Servicio.

Entérese de quién es, y dónde está situado. Cuando tenga un momento, vaya a visitarlo. A él le gustará conocerlo, y saber cuáles podrían ser sus necesidades.

JOHN DEERE MOTORÄGARE:

Vänta inte med att besöka Din John Deere återförsäljare till dess att Du behöver service eller garanti reparation.

Bekanta Dig med var han är och vem han är. Tag första tillfälle att besöka honom. Han vill också träffa Dig för att få veta vad Du behöver och hur han kan hjälpa Dig.

Identification Views

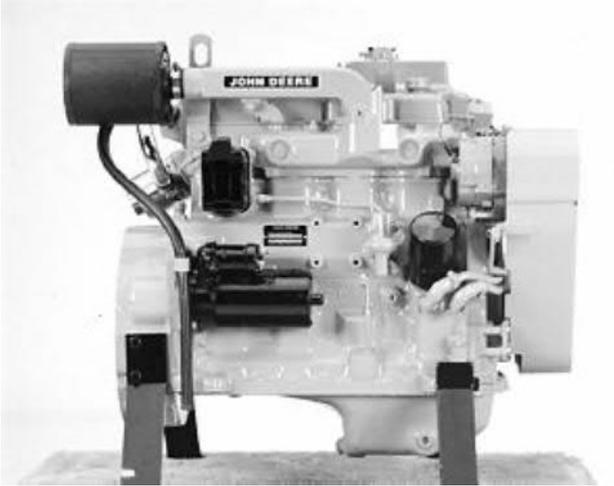
4039DFM01 ENGINE WITH GEAR DRIVEN SEA WATER PUMP



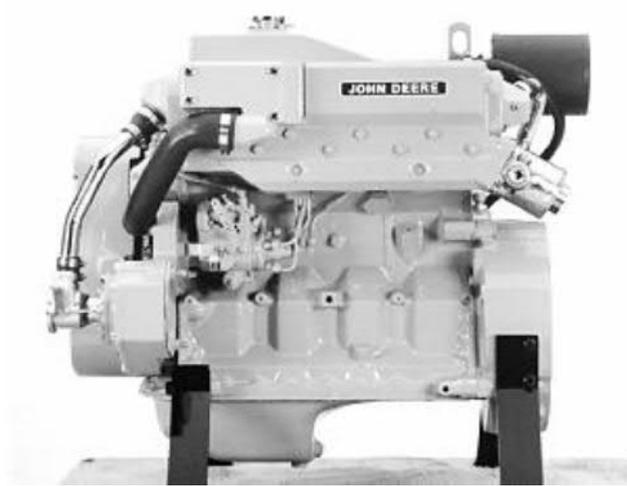
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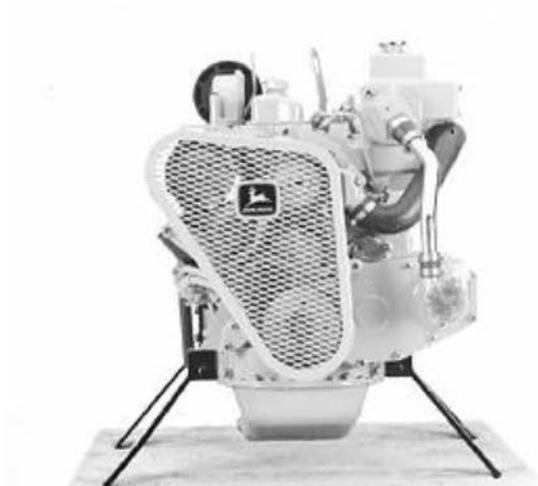
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RG6690 -UN-26MAR93



RG6691 -UN-26MAR93



RG6692 -UN-26MAR93

Identification Views

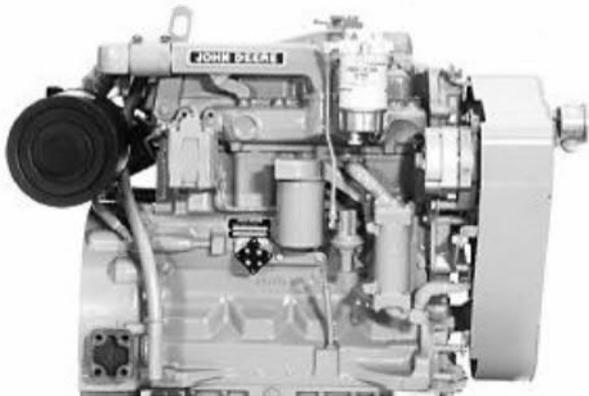
4045TFM01 ENGINE WITH BELT DRIVEN SEA WATER PUMP



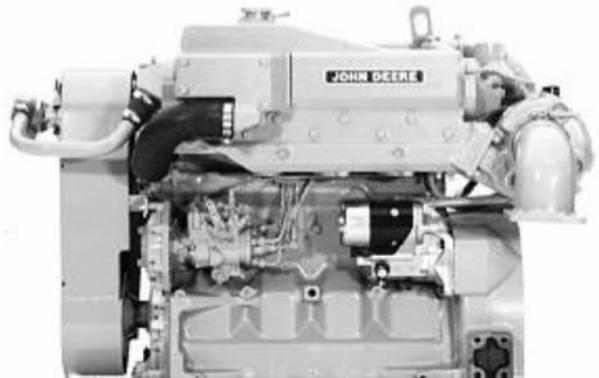
RG6676 -UN-26MAR93



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