

580N
580SN WT
580SN
590SN
Tier 3
Tractor Loader Backhoe

SERVICE MANUAL

Part number 47860801

English
March 2015





SERVICE MANUAL

**580N Four-Wheel Drive (4WD) TIER 3 , 580N Two-Wheel Drive (2WD) TIER 3 ,
580N Two-Wheel Drive (2WD) TIER 3 , 580SN Four-Wheel Drive (4WD) TIER
3 , 580SN Four-Wheel Drive (4WD) TIER 3 , 580SN Two-Wheel Drive (2WD)
TIER 3 , 580SN Two-Wheel Drive (2WD) TIER 3 , 580SN WT Four-Wheel Drive
(4WD) TIER 3 , 590SN Four-Wheel Drive (4WD) TIER 3 , 590SN Two-Wheel
Drive (2WD) TIER 3**

Link Product / Engine

Product	Market Product	Engine
580N Two-Wheel Drive (2WD) TIER 3	Middle East Africa	F4GE9454K*J603
580N Two-Wheel Drive (2WD) TIER 3	North America	F4GE9454K*J603
580N Two-Wheel Drive (2WD) TIER 3	Latin America	F4GE9454K*J603
580N Two-Wheel Drive (2WD) TIER 3	Australia New Zealand	F4GE9454K*J603
580N Two-Wheel Drive (2WD) TIER 3	Asia Pacific	F4GE9454K*J603
580N Two-Wheel Drive (2WD) TIER 3	Asia Pacific	F4GE9454K*J603
580N Two-Wheel Drive (2WD) TIER 3	North America	F4GE9454K*J603
580N Two-Wheel Drive (2WD) TIER 3	Australia New Zealand	F4GE9454K*J603
580N Two-Wheel Drive (2WD) TIER 3	Middle East Africa	F4GE9454K*J603
580N Two-Wheel Drive (2WD) TIER 3	Latin America	F4GE9454K*J603
580N Four-Wheel Drive (4WD) TIER 3	Middle East Africa	F4GE9454K*J603
580N Four-Wheel Drive (4WD) TIER 3	North America	F4GE9454K*J603
580N Four-Wheel Drive (4WD) TIER 3	Asia Pacific	F4GE9454K*J603
580N Four-Wheel Drive (4WD) TIER 3	Latin America	F4GE9454K*J603
580N Four-Wheel Drive (4WD) TIER 3	Australia New Zealand	F4GE9454K*J603
580SN Two-Wheel Drive (2WD) TIER 3	Australia New Zealand	F4HE0484G*J108
580SN Two-Wheel Drive (2WD) TIER 3	Asia Pacific	F4HE0484G*J108
580SN Two-Wheel Drive (2WD) TIER 3	North America	F4HE0484G*J108
580SN Two-Wheel Drive (2WD) TIER 3	Middle East Africa	F4HE0484G*J108
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Product	Market Product	Engine
580SN Four-Wheel Drive (4WD) TIER 3	Middle East Africa	F4HE0484G*J108
580SN Four-Wheel Drive (4WD) TIER 3	North America	F4HE0484G*J108
580SN Four-Wheel Drive (4WD) TIER 3	Asia Pacific	F4HE0484G*J108
580SN Four-Wheel Drive (4WD) TIER 3	Latin America	F4HE0484G*J108
580SN Four-Wheel Drive (4WD) TIER 3	Australia New Zealand	F4HE0484G*J108
580SN Four-Wheel Drive (4WD) TIER 3	Asia Pacific	F4HE0484G*J108
580SN Four-Wheel Drive (4WD) TIER 3	Middle East Africa	F4HE0484G*J108
580SN Four-Wheel Drive (4WD) TIER 3	North America	F4HE0484G*J108
580SN Four-Wheel Drive (4WD) TIER 3	Australia New Zealand	F4HE0484G*J108
580SN Four-Wheel Drive (4WD) TIER 3	Latin America	F4HE0484G*J108
580SN WT Four-Wheel Drive (4WD) TIER 3	North America	F4HE0484G*J108
580SN WT Four-Wheel Drive (4WD) TIER 3	Latin America	F4HE0484G*J108
580SN WT Four-Wheel Drive (4WD) TIER 3	Asia Pacific	F4HE0484G*J108
580SN WT Four-Wheel Drive (4WD) TIER 3	Australia New Zealand	F4HE0484G*J108
580SN WT Four-Wheel Drive (4WD) TIER 3	Middle East Africa	F4HE0484G*J108
590SN Two-Wheel Drive (2WD) TIER 3	Latin America	F4HE9484C*J106
590SN Two-Wheel Drive (2WD) TIER 3	North America	F4HE9484C*J106
590SN Two-Wheel Drive (2WD) TIER 3	Asia Pacific	F4HE9484C*J106
590SN Two-Wheel Drive (2WD) TIER 3	Australia New Zealand	F4HE9484C*J106
590SN Two-Wheel Drive (2WD) TIER 3	Middle East Africa	F4HE9484C*J106
590SN Four-Wheel Drive (4WD) TIER 3	North America	F4HE9484C*J106
590SN Four-Wheel Drive (4WD) TIER 3	Latin America	F4HE9484C*J106
590SN Four-Wheel Drive (4WD) TIER 3	Australia New Zealand	F4HE9484C*J106
590SN Four-Wheel Drive (4WD) TIER 3	Middle East Africa	F4HE9484C*J106
590SN Four-Wheel Drive (4WD) TIER 3	Asia Pacific	F4HE9484C*J106

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Foreword - Important notice regarding equipment servicing

All repair and maintenance work listed in this manual must be carried out only by qualified dealership personnel, strictly complying with the instructions given, and using, whenever possible, the special tools.

Anyone who performs repair and maintenance operations without complying with the procedures provided herein shall be responsible for any subsequent damages.

The manufacturer and all the organizations of its distribution chain, including - without limitation - national, regional, or local dealers, reject any responsibility for damages caused by parts and/or components not approved by the manufacturer, including those used for the servicing or repair of the product manufactured or marketed by the manufacturer. In any case, no warranty is given or attributed on the product manufactured or marketed by the manufacturer in case of damages caused by parts and/or components not approved by the manufacturer.

The manufacturer reserves the right to make improvements in design and changes in specifications at any time without notice and without incurring any obligation to install them on units previously sold. Specifications, descriptions, and illustrative material herein are as accurate as known at time of publication but are subject to change without notice.

In case of questions, refer to your CASE CONSTRUCTION Sales and Service Networks.

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