

570ST The KING
Backhoe Loader

SERVICE MANUAL

Part number 51523349
English
August 2018

CASE
CONSTRUCTION



SERVICE MANUAL

570ST - The KING

Link Product / Engine

Product	Market Product	Engine
570ST - The KING Two-Wheel Drive (2WD)	Asia Pacific	8045.45.748
570ST - The KING Four Wheel Drive (4WD)	Asia Pacific	8045.45.748

Contents

INTRODUCTION

Engine	10
[10.001] Engine and crankcase	10.1
[10.206] Fuel filters	10.2
[10.202] Air cleaners and lines	10.3
[10.254] Intake and exhaust manifolds and muffler	10.4
[10.400] Engine cooling system	10.5
[10.304] Engine lubrication system.....	10.6
Transmission	21
[21.112] Power shuttle transmission.....	21.1
[21.134] Power shuttle transmission external controls	21.2
[21.104] Power shuttle transmission hydraulic components	21.3
[21.154] Power shuttle transmission internal components	21.4
[21.700] Torque converter	21.5
Four-Wheel Drive (4WD) system	23
[23.314] Drive shaft.....	23.1
Front axle system	25
[25.100] Powered front axle	25.1
[25.102] Front bevel gear set and differential	25.2
[25.108] Final drive hub, steering knuckles, and shafts	25.3
[25.400] Non-powered front axle	25.4
Rear axle system	27
[27.100] Powered rear axle.....	27.1
[27.106] Rear bevel gear set and differential	27.2
[27.124] Final drive hub, steering knuckles, and shafts	27.3
Brakes and controls	33

[33.202] Hydraulic service brakes	33.1
[33.110] Parking brake or parking lock	33.2
Hydraulic systems.....	35
[35.000] Hydraulic systems.....	35.1
[35.300] Reservoir, cooler, and filters.....	35.2
[35.104] Fixed displacement pump	35.3
[35.724] Front loader hydraulic system control.....	35.4
[35.701] Front loader arm hydraulic system	35.5
[35.723] Front loader bucket hydraulic system	35.6
[35.726] Excavator and backhoe hydraulic controls.....	35.7
[35.736] Boom hydraulic system	35.8
[35.737] Dipper hydraulic system.....	35.9
[35.738] Excavator and backhoe bucket hydraulic system.....	35.10
[35.360] Hammer and rotating bucket hydraulic system	35.11
[35.739] Swing arm hydraulic system	35.12
[35.732] Stabilizer control	35.13
[35.AAA] Hydraulic systems generic sub-group	35.14
Frames and ballasting	39
[39.100] Frame	39.1
[39.129] Stabilizers	39.2
Steering.....	41
[41.101] Steering control	41.1
[41.200] Hydraulic control components.....	41.2
[41.216] Cylinders	41.3
Wheels	44
[44.511] Front wheels.....	44.1
[44.520] Rear wheels.....	44.2
[44.AAA] Wheels generic sub-group	44.3

Electrical systems	55
[55.100] Harnesses and connectors.....	55.1
[55.201] Engine starting system	55.2
[55.301] Alternator.....	55.3
[55.302] Battery.....	55.4
[55.011] Fuel tank system	55.5
[55.512] Cab controls.....	55.6
[55.518] Wiper and washer system.....	55.7
[55.404] External lighting	55.8
[55.408] Warning indicators, alarms, and instruments	55.9
Front loader and bucket.....	82
[82.100] Arm.....	82.1
[82.300] Bucket.....	82.2
Booms, dippers, and buckets	84
[84.910] Boom	84.1
[84.912] Dipper arm	84.2
Platform, cab, bodywork, and decals	90
[90.156] Cab windshield and windows	90.1
[90.110] Operator platform less cab	90.2
[90.114] Operator protections	90.3
[90.100] Engine hood and panels	90.4

Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com