

April 4th, 2011

Subject: **Warranty Trouble Codes Update**

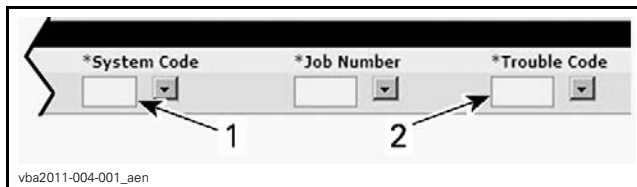
No. **2011-3**

YEAR	MODEL	MODEL NUMBER	SERIAL NUMBER
All	All	All	All

Trouble Codes List

The warranty Trouble Codes list in BOSSWeb has been updated.

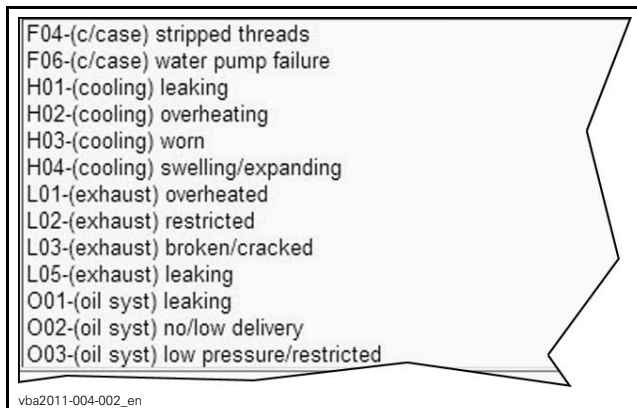
From now on, warranty claim selection menu, will show **only** the Trouble Codes related to the selected system.



BOSSWeb WARRANTY CLAIM SELECTION MENU

1. System Code
2. Trouble Code

Example:



Benefits:

- Less Trouble Codes to choose from
- Easier use for claim processing.

See table for comparison:

SYSTEM	PREVIOUS TROUBLE CODE QTY	UPDATED TROUBLE CODE QTY
Engine	Over 100	50
Fuel	Over 100	15

Trouble Code Selection

System Codes and Trouble Codes are important for claim processing.

Selecting the appropriate Trouble Code will ensure a smooth flow of your Warranty Claims.

Trouble Codes are monitored by warranty Analysts.

They may contact you if additional information is required.

BRP uses these informations to monitor product quality.

A PROPER SELECTION OF TROUBLE CODE IS MORE IMPORTANT THAN EVER TO ENSURE PRODUCT PERFORMANCE AND QUALITY IMPROVEMENT. YOUR INPUTS MAKE THE DIFFERENCE.

General Trouble Codes Chart

Use *GENERAL TROUBLE CODES BY SYSTEM* included chart to select appropriate Trouble Codes.



BRP GENERAL WARRANTY TROUBLE CODES BY SYSTEM

01- Engine	
A01	(hd/valve train) warped/leaking
A02	(hd/valve train) worn
A03	(hd/valve train) broken
A04	(hd/valve train) seized
A05	(hd/valve) threads stripped

B01	(Piston) detonation / hole
B02	(Piston) 4 corner seizure
B03	(Piston) skirt collapsed/broken
B04	(Piston) seizure
B05	(Piston) intake scuffing
B06	(Piston) circlip popped out
B07	(Piston) ring/ringland broken
B08	(Piston) blowby

C01	(cylinder) cracked / leaking / warped
C02	(cylinder) improper clearance
C03	(cylinder) stripped threads
C04	(cylinder) peeling

D01	(RAVE valve / solenoid) leaking
D02	(RAVE valve / solenoid) sticking
D03	(RAVE valve / solenoid) broken
D04	(RAVE valve / solenoid) noisy
V01	(electrical) poor connection/oxidation
V02	(electrical) melted/wire cut
V03	(electrical) broken/inoperative
V04	(electrical) water infiltration
V50	(P-Code) ALL Fault-Codes in "Nature of Defect"

E01	(crankshaft) big end rod bearing pto
E02	(crankshaft) big end rod bearing center
E03	(crankshaft) big end rod bearing mag
E04	(crankshaft) main bearing pto
E05	(crankshaft) main bearing center
E06	(crankshaft) main bearing mag
E07	(connecting rod) wrist pin/bearing pto
E08	(connecting rod) wrist pin/bearing center
E09	(connecting rod) wrist pin/bearing mag
E10	(crankshaft - 2 stroke) seal leaking pto
E11	(crankshaft - 2 stroke) seal leaking center
E12	(crankshaft - 2 stroke) seal leaking mag
E13	(crankshaft) center gear

F01	(c/case) leaking
F02	(c/case) bearing spun or chattered
F03	(c/case) cracked/broken
F04	(c/case) stripped threads
F06	(c/case) water pump failure

H01	(cooling) leaking
H02	(cooling) overheating
H03	(cooling) worn
H04	(Cooling swelling / expanding

01- Engine (cont'd)	
L01	(exhaust) overheated
L02	(exhaust) restricted
L03	(exhaust) broken/cracked
L04	(exhaust) cosmetic damage
L05	(exhaust) Leaking

O01	(Lubrication) leaking
O02	(Lubrication) no / low delivery
O03	(Lubrication) low pressure / restricted
O04	(Lubrication) excessive delivery / pressure
V50	(P-Code) ALL Fault-Codes in "Nature of Defect"
X20	Missing/wrong component
X22	Incorrectly installed/assembled

02 - Fuel System	
M01	(fuel syst) leaking
M02	(fuel syst) restricted / pinched / clogged
M04	(fuel syst) missing
M05	(fuel syst) throttle cable

N01	(fuel inject) leaking
N02	(fuel syst & inject) poor idle performance /staling
N03	(fuel syst & inject) poor mid range perform
N04	(fuel syst & inject) poor wot performance
N05	(fuel syst & inject) poor acceleration / hesitation
N06	(fuel syst & inject) Low pressure
N07	(fuel syst & inject) High pressure
N08	(fuel syst & inject) Hard starting cold
N09	(fuel syst & inject) Hard starting hot
N10	(fuel syst & inject) Supercharger failure
V50	(P-Code) ALL Fault-Codes in "Nature of Defect"
X20	Missing/wrong component
X22	Incorrectly installed/assembled

03 - Ignition	
I01	(ignition) intermittent
I02	(ignition) weak
I03	(ignition) timing off
I04	(ignition) no output/spark
I05	(ignition) Fooled spark plug
X20	Missings / wrong component
X22	Incorrectly installed/assembled

04 - Starting	
J01	(starter) won't engage
J02	(starter) stays engaged / sticking
J03	(starter) broken
J04	(starter) noisy
X20	Missing / wrong component
X22	Incorrectly installed/assembled

05 - Transmission / Propulsion	
G01	(transm / CVT) not shifting/sticking/hard to shift
G02	(transm / CVT) slips / chatters
G03	(transm / CVT) cracked
G04	(transm / CVT) noisy
G05	(transm / CVT) loose bearing / bushing
G06	(Belt) belt lugs/damaged/missing
G07	(Belt) belt cord pull out
G08	(transm) incorrect assembly
G09	(CVT) water / mud / debris intrusion
G10	(transm / CVT) creeping / stays engaged
G11	(transm) desengaging
G12	(transm / CVT) not engaging

P01	(Transmission / Propulsion) Leaking
P02	(propulsion) worn / slipping
P03	(propulsion) broken
P04	(propulsion) noisy
P05	(propulsion) bent
P06	(propulsion) bearing/bushing failure
P20	(jet pump) cavitation
P21	(jet pump) IBR failure
V50	(P-Code) ALL Fault-Codes in "Nature of Defect"
V55	No communication possible with component
X20	Missing / wrong component
X22	Incorrectly installed/assembled

06 - Braking	
Q01	(brakes) leaking
Q02	(brakes) worn
Q03	(brakes) sticking
Q04	(brakes) spongy
Q05	(brakes) warped
Q06	(brakes) overheating
Q07	(brake) Noisy
V50	(P-Code) ALL Fault-Codes in "Nature of Defect"
V55	No communication possible with component
X20	Missing / wrong component
X22	Incorrectly installed/assembled

07 - Steering /Suspension / Front	
R01	(steering) out of alignment
R02	(steering / power steering) stiff / no assistance
R03	(steering) broken / cracked
R04	(steering) bent
R05	(steering) stripped threads
R06	(power steering) erratic
R07	(power steering) mechanical failure
R08	(power steering) electrical malfunction

07- Steering /Suspension / Front	
S01	(suspension) leaking
S02	(suspension) binding/seizing
S03	(suspension) broken/bent
S04	(suspension) stripped
S05	(suspension) too hard
S06	(suspension) too soft
S07	(Suspension) no dampening / no rebound

T01	(Tire) leaking bead
T02	(Track/tire) delaminating
T06	(Track/tire) cracking
T07	(Tire) leaking side
T08	(Tire) leaking thread
T09	(Tire) Run out axial
T10	(Tire) Run out radial
T11	(Tire) Unbalance
T12	(Tire) Flat spot
V55	No communication possible with component
V50	(P-Code) ALL Fault-Codes in "Nature of Defect"
X20	Missing / wrong component
X22	Incorrectly installed/assembled

08 - Suspension / Rear Drive	
S01	(suspension) leaking
S02	(suspension) binding/seizing
S03	(suspension) broken/bent
S04	(suspension) stripped
S05	(suspension) too hard
S06	(suspension) too soft
S07	(Suspension) no dampening / no rebound
S07	(Suspension) no dampening / no rebound

T01	(Tire) leaking bead
T02	(Track/tire) delaminating
T03	(Track) missing rod
T04	(Track/tire) bubbling
T05	(Track) stretched
T06	(Track/tire) cracking
T07	(Tire) leaking side
T08	(Tire) leaking thread
T09	(Tire) Run out axial
T10	(Tire) Run out radial
T11	(Tire) Unbalance
T12	(Tire) Flat spot
V55	No communication possible with component
V50	(P-Code) ALL Fault-Codes in "Nature of Defect"
X20	Missing / wrong component
X22	Incorrectly installed/assembled

09 - Body	
U01	(frame / chassis) bent
U02	(frame /fender / hull) cosmetic defect / corrosion
U03	(frame / chassis / fender / hull) cracked/broken
U20	(Windshield) loose
U21	(Windshield) malfunction/defective
U40	(Body) Local language decals install
U50	(Body) Crate damage
X20	Missing / wrong component
X22	Incorrectly installed/assembled

10 - Electrical	
K01	(charging) shorted / open
K02	(charging) overcharge
K03	(charging) discharge / will not keep charge

V01	(electrical) poor connection / corrosion
V02	(electrical) melted / wire cut
V03	(electrical) broken / inoperative
V04	(electriac) water infiltration / fogging
V05	(electrical) ignit switch / DESS key defective
V06	(electrical) switch / button / control defective
V30	(info / gauge) inaccurate reading
V31	(info / gauge) not working
V32	(info / gauge) fogging
V50	(P-Code) ALL Fault-Codes in "Nature of Defect"
V55	No communication possible with component
V55	No communication possible with component
V50	(P-Code) ALL Fault-Codes in "Nature of Defect"
X20	Missing / wrong component
X22	Incorrectly installed/assembled

11- Accessories, Special Tools,	
W01	(accessories) during installation
W02	(accessories) after installation
W10	(trailer) repair/defective
V55	No communication possible with component
X20	Missing / wrong component
X22	Incorrectly installed/assembled

13- CARB & EPA	
Y01	EPA / CARB See vehicle Emission Warranty

14- CARB	
Y01	EPA / CARB See vehicle Emission Warranty

* This is a generic chart of the warranty trouble codes available for all products (Sea-Doo, Ski-Doo, Can-Am, etc); since they are updated periodically, more codes may be available when doing the warranty claim.

** "X" trouble codes will be monitored closely and must be supported by clear and detailed description in the "Nature of defect" box.

*** "CARB & EPA", and "CARB" Codes: These trouble codes may be selected for models up to MY2009 only; refer to the warranty information of the vehicle Operator's Guides for specific coverage.