





















































B.U.D.S. CHART			To get access codes Call a BRP Representative					To get access codes go to BOSSWeb Com Center			
PLATFORM	MODEL YEAR	Protocol	DESS Post 529036019	P2.3.14 2006 & older	P2.3.29 Roadster	P2.3.30 PWC&SB	P2.3.31 ATV	3.0.1.3 SSV	3.0.2.10 SkiDoo	3.0.3.0 PWC&SB	3.0.4.0 ATV
Ski-Doo											
With D.E.S.S. connection only	All	D.E.S.S.	to program Keys	MPI-1& MPI-2					MPI-2	in beta	in beta
L/C Carb w-MPEM thru the 6 pin	All	D.E.S.S.	to program Keys	MPI-1& MPI-2					MPI-2	in beta	in beta
SDI and V1000	2003 - 2006	KW2000	to program Keys	MPI-1& MPI-2					MPI-2	in beta	in beta
SDI	2007 to 2011	Automatic	to program Keys						MPI-2	in beta	in beta
V810	2007 to 2011	Automatic	Do not use	Do not use					MPI-2	in beta	in beta
Carburetor vehicle with ECM	2005-2006	KW2000	Do not use	MPI-1& MPI-2					MPI-2	in beta	in beta
Carburetor vehicle with ECM	2007 to 2011	Automatic	Do not use	Do not use					MPI-2	in beta	in beta
E-TEC 600HO	All	Automatic	Do not use	Do not use					MPI-2	in beta	in beta
1203	All	Automatic	Do not use	Do not use					MPI-2	in beta	in beta
Can-Am ATV											
DS450	all	Automatic	Do not use	Do not use			MPI-2			in beta	MPI-2
Outlander 400 EFI	all	Automatic	Do not use	Do not use			MPI-2			in beta	MPI-2
Outlander 800	all	Automatic	Do not use	Do not use			MPI-2			in beta	MPI-2
Outlander/Renegade 500 and 650	all	Automatic	Do not use	Do not use			MPI-2			in beta	MPI-2
Outlander 400	all	Automatic	Do not use	Do not use			MPI-2			in beta	MPI-2
Outlander/Renegade 500 and 650	all	Automatic	Do not use	Do not use			MPI-2			in beta	MPI-2
Outlander 800 with DPS	all	Automatic	Do not use	Do not use			MPI-2			in beta	MPI-2
Outlander 800 MAX with DPS+ACS	all	Automatic	Do not use	Do not use			MPI-2			in beta	MPI-2
Sea-Doo Watercraft											
All Carb models through D.E.S.S. Post	Up to 2005	D.E.S.S.	to program Keys	MPI-1& MPI-2						in beta	in beta
RFI models through the 4-pin or DESS post	Up to 2004	D.E.S.S.	to program Keys	MPI-1& MPI-2						in beta	in beta
RFI models through the 6 pin	2005	KW2000	to program Keys	MPI-1& MPI-2						in beta	in beta
DI models through the 6-pin	All	947-DI	to program Keys	MPI-1& MPI-2						in beta	in beta
1503	2002 to 2006	KW2000	to program Keys	MPI-1& MPI-2						in beta	in beta
1503	2007 to 2011	Automatic	to program Keys	Do not use		MPI-2				MPI-2	in beta
I-control - GTX limited (iS) and RXT (iS)	all	Automatic	Do not use	Do not use		MPI-2				MPI-2	in beta
Sea-Doo Sport Boats											
All Carb models through D.E.S.S. Post	Up to 2003	D.E.S.S.	to program Keys	MPI-1& MPI-2						in beta	in beta
DI models through the 6-pin	All	947-DI	to program Keys	MPI-1& MPI-2						in beta	in beta
ALL 1503	2002-2006	KW2000	to program Keys	MPI-1& MPI-2		MPI-2				MPI-2	in beta
ALL 1503	2007 to 2011	Automatic	to program Keys	Do not use		MPI-2				MPI-2	in beta
Can-Am Roadster											
All Models	all	Automatic	Do not use	Do not use	MPI-2					in beta	in beta
SSV /VCC											
All Models	all	Automatic	Do not use	Do not use				MPI-2		in beta	in beta

Ski-Doo

Quick reference chart for selecting the correct MPI – 2 communication tools required for Ski-Doo B.U.D.S. communication and programming.




The VCK (Vehicle Communication Kit) is no longer available. Only the MPI – 2 is available. This chart is intended to show what electrical adapters are required to connect the MPI – 2 to the electrical system of Ski-Doo vehicles. The proper connections will ensure that key programming, diagnostics and module updates are correctly performed with B.U.D.S.

To use this quick reference chart first identify the vehicle to be programmed. Then reference the marked number in the column and identify the correct tool as listed in the picture section of this document. Note: For connection procedures refer to the appropriate shop manual and/or Service bulletin 2005 – 7 Note: For chassis identification refer to the chassis section of the appropriate specification booklet or the chassis identification section in the Yellow book.




Tools required for communication	# 1 529036018	# 2 710000851	# 3 529036019	# 4 529 035 904	# 5 529 035 896	# 6 529 035 869	# 7 529 035 675	# 8 529 035 997	# 9 529 033 300	# 10 861 780 600	# 11 DB9 Ext.	Protocol
S chassis DESS equipped vehicles.												DESS
CK3 chassis AC CDI DESS equipped vehicles												DESS
CK3 chassis 1997 to 2001 with 360 watt DC electrical systems.												DESS
ZX chassis AC CDI equipped liquid cooled vehicles												DESS
ZX chassis 2002 DC CDI equipped liquid cooled vehicles												DESS
Option 1 for Carburetor equipped vehicles with 6 pin B.U.D.S. connector and with "MPEM" printed on the electronics box(not for fuel injection, not for vehicle with ECM printed on their electronics box							NR					DESS
Option 2 for Carburetor equipped vehicles with 6 pin B.U.D.S. connector and with "MPEM" printed on the electronics box (Not for fuel injection, not for vehicles with ECM printed on their electronics box							NR					DESS
4 –TEC and SDI vehicles (including 995)							NR					KW2000
Carburetor equipped vehicles with "ECM" printed on their electronics box (including power T.E.K.)					Or the vehicle DESS key		NR					KW2000
E-TEC equipped vehicles					Install the DESS key to be programmed or already programmed on the vehicle's DESS post		NR					KW2000

U = For ECM or cluster Update K* = – For DESS key programming only **Notice** On the listed vehicles only use the DESS post interface for key programming. If an update of the ECM or cluster is necessary, use the diagnostic cable in its place. Failure to use the diagnostic cable could result in module or cluster damage. NR = Not Recommended * = Connected if not running – Disconnect battery to start vehicle
Notice: When performing any module update ensure that the vehicle or power supply battery is fully charged.




Roadster

Tools required for communication	# 1 529036018	# 2 710000851	# 3 529036019	# 4 529 035 904	# 5 529 035 896	# 6 529 035 869	# 7 529 035 675	# 8 529 035 997	# 9 529 033 300	# 10 861 780 600	# 11 DB9 Ext.	Protocol
ALL Spyder Roadster models												Auto















ATV

Tools required for communication	# 1 529036018	# 2 710000851	# 3 529036019	# 4 529 035 904	# 5 529 035 896	# 6 529 035 869	# 7 529 035 675	# 8 529 035 997	# 9 529 033 300	# 10 861 780 600	# 11 DB9 Ext.	Protocol
ALL ATV models												Auto

SSV

Tools required for communication	# 1 529036018	# 2 710000851	# 3 529036019	# 4 529 035 904	# 5 529 035 896	# 6 529 035 869	# 7 529 035 675	# 8 529 035 997	# 9 529 033 300	# 10 861 780 600	# 11 DB9 Ext.	Protocol
ALL SSV models												Auto

Sea-Doo / Sports Boat

Tools required for communication	# 1 529036018	# 2 710000851	# 3 529036019	# 4 529 035 904	# 5 529 035 896	# 6 529 035 869	# 7 529 035 675	# 8 529 035 997	# 9 529 033 300	# 10 861 780 600	# 11 DB9 Ext.	Protocol
Carb unit + RFI												DESS
DI												947 DI
4-Tec without I-Control												KW2000
4-Tec with I-Control												Auto