

B.U.D.S. Chart - 2016/09/28				BOSSWeb/ComCenter/Documents/Diagnostic Software/BUDS						
PLATFORM	MODEL YEAR	Protocol	Use DESS Post Interface 529036019	L3.3.0	BUDS2 (MY2017+) E3.8.2 (MY2016-)	BUDS2 (MY2017+) E3.8.2 (MY2016-)	BUDS2 (MY2016+) E3.8.2 (MY2015-)	E3.8.2	E3.8.2	E3.8.2
				2006 & older Legacy	SSV	Ski-Doo & Lynx	Watercraft	Boats	ATV	Roadster
Snowmobiles										
With D.E.S.S. Post connection only	All	D.E.S.S.	To program Keys	MPI-2/MPI-3						
L/C Carb w-MPEM thru the 6 pin	All	D.E.S.S.	To program Keys	MPI-2/MPI-3						
SDI and V1000	2003 - 2006	KW2000	To program Keys	MPI-2/MPI-3						
SDI	2007 to 2014	Automatic	To program Keys			MPI-2/MPI-3				
V800	2007 to 2014	Automatic	To program Keys			MPI-2/MPI-3				
Carburetor vehicle with ECM	2005-2006	KW2000		MPI-2/MPI-3						
Carburetor vehicle with ECM	2007 to 2017	Automatic				MPI-2/MPI-3				
E-TEC 600HO	All	Automatic				MPI-2/MPI-3				
E-TEC 800HO	All	Automatic				MPI-2/MPI-3				
1203	All	Automatic				MPI-2/MPI-3				
600ACE	All	Automatic				MPI-2/MPI-3				
Sea-Doo Watercraft										
All Carb models through D.E.S.S. Post	Up to 2005	D.E.S.S.	To program Keys	MPI-2/MPI-3						
RFI models through the 4-pin or DESS post	Up to 2004	D.E.S.S.	To program Keys	MPI-2/MPI-3						
RFI models throught the 6 pin	2005	KW2000	To program Keys	MPI-2/MPI-3						
DI models through the 6-pin	All	947-DI	To program Keys	MPI-2/MPI-3						
1503	2002 to 2006	KW2000	To program Keys	MPI-2/MPI-3						
1503	2007 to 2017	Automatic					MPI-2/MPI-3			
1603 and 900	all	Automatic					MPI-2/MPI-3			
I-control - GTX limited (iS) and RXT (iS)	all	Automatic					MPI-2/MPI-3			
Sea-Doo Sport Boats										
All Carb models through D.E.S.S. Post	Up to 2003	D.E.S.S.	To program Keys	MPI-2/MPI-3						
DI models through the 6-pin	All	947-DI	To program Keys	MPI-2/MPI-3						
ALL 1503	2002-2006	KW2000	To program Keys	MPI-2/MPI-3						
ALL 1503 with D.E.S.S. Post	2007 to 2012	Automatic	To program Keys					MPI-2/MPI-3		
ALL 1503 without D.E.S.S. Post	2010 to 2012	Automatic						MPI-2/MPI-3		
Can-Am Roadster										
All Models	all	Automatic								MPI-2/MPI-3
Can-Am SSV / VCC										
All Models	all	Automatic			MPI-2/MPI-3					
Can-Am ATV										
All Models	all	Automatic							MPI-2/MPI-3	

To get your access codes go to: [BOSSWeb/ComCenter/Get Buds Access Codes](http://BOSSWeb/ComCenter/GetBudsAccessCodes)










Please Note: MPI-1 is no longer officially supported in BUDS version 3 and higher

See following chart for connection tools needed

Quick reference chart for selecting the correct MPI – 2 / MPI - 3 communication tools required for B.U.D.S. communication and programming.




Snowmobiles

Tools required for communication	# 1 NEW 529036353 (old 529036018)	# 2 NEW 529036355	#3 710000851	# 4 529036019	# 5 529 035 904	# 6 529 035 896	# 7 515177223	# 8 529 035 675	# 9 529 035 997	# 10 529 033 300	# 11 861 780 600	# 12 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
<i>Option 1 for</i> 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
<i>Option 2 for</i> 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
V-1000, V-810 and SDI vehicles (including 995) except 600HO SDI in XP platform								NR					KW2000
600HO SDI in XP platform								NR					KW2000
Carburetor equipped vehicles with "ECM" printed on their electronics box (including power T.E.K.) except the ones in XP platform								NR					KW2000
Carburetor equipped vehicles with "ECM" printed on their electronics box (including power T.E.K.) in XP platform								NR					KW2000




E-TEC equipped vehicles						Install the DESS key to be programmed or already programmed on the vehicle's DESS post		NR					KW2000
1203 and 600ACE						Install the DESS key to be programmed or already programmed on the vehicle's DESS post		NR					KW2000

U = 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 NEW 529036353 (old 529036018)	# 2 NEW 529036355	#3 710000851	# 4 529036019	# 5 529 035 904	# 6 529 035 896	# 7 515177223	# 8 529 035 675	# 9 529 035 997	# 10 529 033 300	# 11 861 780 600	# 12 DB9 Ext.	Protocol
ALL Spyder Roadster models													Auto


















ATV

Tools required for communication	# 1 NEW 529036353 (old 529036018)	# 2 NEW 529036355	#3 710000851	# 4 529036019	# 5 529 035 904	# 6 529 035 896	# 7 515177223	# 8 529 035 675	# 9 529 035 997	# 10 529 033 300	# 11 861 780 600	# 12 DB9 Ext.	Protocol
ALL ATV models													Autp

SSV

Tools required for communication	# 1 NEW 529036353 (old 529036018)	# 2 NEW 529036355	#3 710000851	# 4 529036019	# 5 529 035 904	# 6 529 035 896	# 7 515177223	# 8 529 035 675	# 9 529 035 997	# 10 529 033 300	# 11 861 780 600	# 12 DB9 Ext.	Protocol
ALL SSV models													Auto

Sea-Doo Watercraft and Boats

Tools required for communication	# 1 NEW 529036353 (old 529036018)	# 2 NEW 529036355	#3 710000851	# 4 529036019	# 5 529 035 904	# 6 529 035 896	# 7 515177223	# 8 529 035 675	# 9 529 035 997	# 10 529 033 300	# 11 861 780 600	# 12 DB9 Ext.	Protocol
Carb unit + RFI													DESS
DI													947 DI
4-Tec without I-Control													KW2000
4-Tec with I-Control													Auto
900 Ace (all Sparks), 1603, 1503 from MY2007													Auto

Make sure you use the following IXXAT drivers in order to properly communicate with BUDS: [VCI 3.5.2.4268](#)