

JOYSTICKS QUIGK REFERENCE GUIDE

GUÍA DE REFERENCIA GUIDE DE RÉFÉRENCE FACILE

KEEPS YOU GOING.

PART# SY28-102765



QS Series Machines

Description

Single Axis Hall Effect

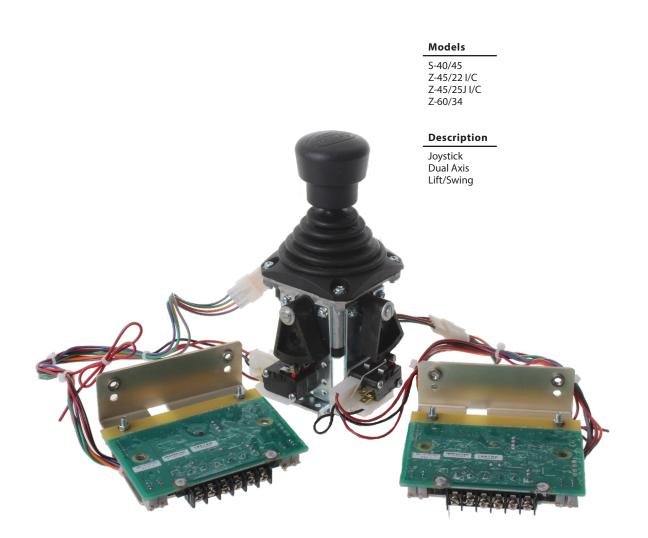
- Hall Effect sensing technology utilizes magnetic sensors, creating a contactless environment, making for better position sensing than switch and potentiometer technology
- Less moving parts
- Enclosed electronics have an IP65 rating and are resistant to water and dust
- Small, heavy duty design

PART# SYJS-1047



- Reliable rugged design has been proven in the field for decades
- Precise control
- Compact mounting design

PART# SYJS-1048



- Heavy duty design
- Single cam design for better switch timing
- Single gear design for better potentiometer centering
- 50% less moving parts
- Advanced handle centering technology
- Manufactured with the same material at the same widths to provide less wear and increased relaibility

PART# SYJS-1049



- Time tested and proven design
- Precise control
- Compact mounting design

PART# SYJS-1050



- Heavy duty design
- Single cam design for better switch timing
 Single gear design for better potentiometer centering
- 50% less moving parts
- Advanced handle centering technology
- Manufactured with the same material at the same widths to provide
- less wear and increased relaibility

Models

Z-30/20N Z-34/22N Z-34/22 B-E Z-34/22 DC Z-45/22 DC Z-45/22 GP/RT Z-45/25J DC Z-45/25J DC/B-E

Description

Rotary Controller Boom Speed



- Controlled output of threshold, maximum range, and ramp
- Maintained signal



- Hall Effect sensing technology utilizes magnetic sensors, creating a contactless environment, making for better position sensing than switch and potentiometer technology
- Enclosed electronics have an IP65 rating and are resitant to water and dust
- Rugged, heavy duty design
- Advanced centering technology

PART# SYJS-1072



- Hall Effect sensing technology utilizes magnetic sensors, creating a contactless environment, making for better position sensing than switch and potentiometer technology
- Less moving parts
- Enclosed electronics have an IP65 rating and are resitant to water and dust
- Small, heavy duty design
- Mount from above control box for easy installation

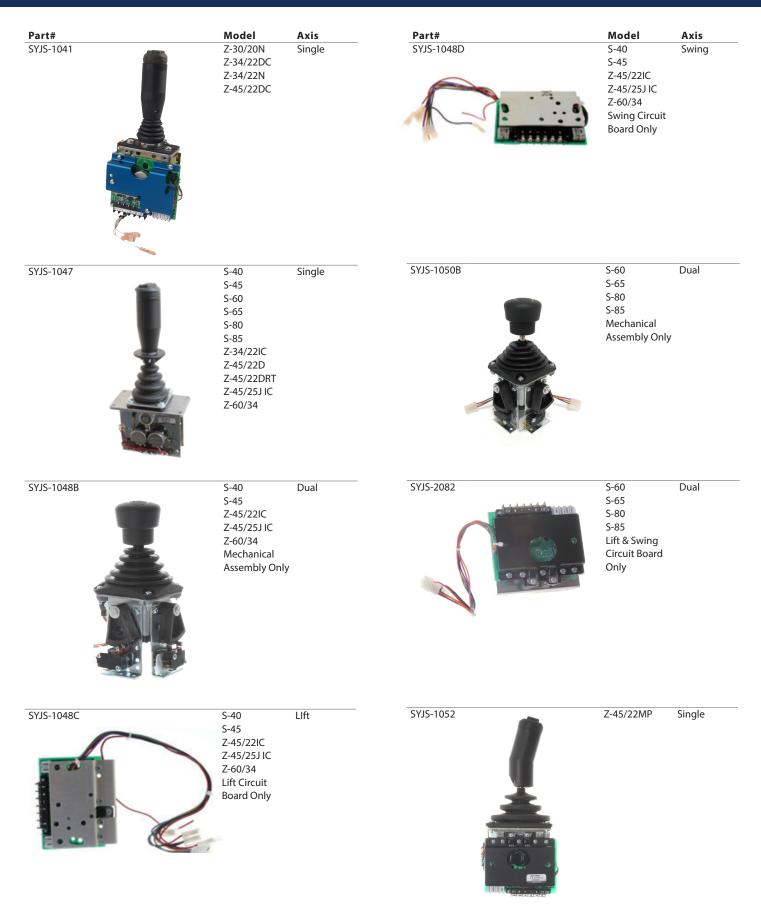


- Hall Effect sensing technology utilizes magnetic sensors, creating a contactless environment, making for better position sensing than switch and potentiometer technology
- Enclosed electronics have an IP65 rating and are resitant to water and dust
- Rugged, heavy duty design
- Advanced centering technology

Models			
S-40/45 S-60/65 S-80/85 S-100/105 S-120/125 S-120HD S-3200 S-3800	SX-150 SX-180 Z-45/25J I/C Z-51/30J Z-60/34 Z-62/40 Z-80/60 Z-135/70		
Descriptio	on		
Joystick Single Axis Hall Effect			

- Hall Effect sensing technology utilizes magnetic sensors, creating a contactless environment, making for better position sensing than switch and potentiometer technology
- Enclosed electronics have an IP65 rating and are resitant to water and dust
- Rugged, heavy duty design
- Advanced centering technology





GENIE





Part#	Model	Axis	Part#	Model	Axis
SYJS-1072	GR-12/15/20	Single	SYJS-1073	TZ-50/30	Single
	GS-1530				
	GS-1532				
	GS-1930				
	GS-2032				
	GS-2046			()	
	GS-2632				
	GS-2646				
	GS-2668DC		-		
	GS-2668RT				
	GS-2669RT				
	GS-3232				
	GS-3246		1. Alter Balance	- W	
	GS-3268DC				
	GS-3268RT				
0	GS-3369RT				
	GS-3384				
	GS-3390				
	GS-4069RT				
	GS-4390				
	GS-5390				
	GS-5390				
	SPECIAL				
	QS-12/15/20R				
	QS-12/15/20W	1			

Hall Effect Controllers

Part#		Model		Axis
SYJS-1071		S-65	S-100	Single
		S-60	Z-40/23N RJ	
		S-45	Z-40/30N	
		S-40	Z-45/25IC	
		S-80	Z-45/25J IC	
	and the second s	S-85	Z-51/30J	
		S-125	Z-60/34	
		S-120	Z-80/60	
	Ţ	S-105	Z-135/70	

S-40

S-45

S-60

S-65

S-80

S-85

S-100

S-105

S-120

S-125

S-3200

S-3800

Z-45/25IC

Z-51/30J

Z-60/34

Z-80/60

Z-135/70

ZX-135/70

Dual



Hall Effect Adapter Harness

Part#

SYJS-2191



Hall Effect Controller Upgrade Kit

Kits include the controller with an updated wiring harness

• This is a one time needed upgrade kit

• This kit is needed if the machine is equipped with a non-Deutsch plug controller from an early Genie model

SYJS-1212

GENIE

Part#	Model	Axis		Part#	Part#	Part# Model
SYJS-1066	S-40	Dual	-	SYJS-1208	SYJS-1208	SYJS-1208 S-40
	S-45					S-45
	S-60					S-60
	S-65					S-65
	S-100					S-100
	S-105					S-105
a	S-120					S-120
	S-125			- Aller		S-125
	Z-45/25IC					Z-45/25IC
u . U	Z-45/25J IC					Z-45/25J IC
	Z-51/30J					Z-51/30J
	Z-60/34					Z-60/34
	Z-80/60					Z-80/60
SYJS-1068	S-40	Single	-	-	-	-
	S-45	2				
	S-60					
	S-65					
	S-100					
	S-105					
G	S-120					
	S-125					
ų – ų	Z-45/25IC					
TITTE	Z-45/25J IC					
	Z-51/30J					
	Z-60/34					
	Z-80/60					

Controller Box Coil Cords

Part#	Model	Connector	Part#	Model	Connecto
SY77936	GS-1530	Cannon	SY77938	GEN 5	Deutsch
and the second second	GS-1930			Control Boxes	
and the second se	GS-2032				
	GS-2046			and the second se	
and a substantion	GS-2632				
	GS-2646				
	GS-2668DC				
	GS-3246				
	GS-3268DC				
SY77937	GS-1530	Cannon			
	GS-1930				
a	GS-2032				
	GS-2046				
	GS-2632				
	GS-2646				
	GS-2668DC GS-3246				
	GS-3240 GS-3268DC				
	G3-5208DC				
A MANA					



Controller Box Kit and Parts Description Part# Description Part# SYJS-2172 GEN 5 ECU SYJS-2245 GEN 5 Control Box Bracket Update Kit - Complete Kit with ECU to Upgrade GEN 1 Thru GEN 4 Machines to GEN 5 SYJS-2197 SYJS-2246 GEN 5 Control Box Adapter Harness • 11 1 IV 00000



E300A/AJ/AJP E/M400A/AJP E/M450A/AJ E400An/E400AJP/E400AAJPn M400AJP/M400AJPn E45A/AJ E40AJP/AJPn M45A/AJ M40AJP/AJPn E600/J/JP M600/J/JP

Description

Single Axis Drive/Steer Replaces 1600273; 1001118418

- Hall Effect sensing technology utilizes magnetic sensors, creating a contactless environment, making for better position sensing than switch and potentiometer technology
- Enclosed electronics have an IP65 rating and are resitant to water and dust
- Compact rugged mechanical controller design

FEATURED PRODUCT FOR JLG

PART# SYJS-10361



400/600/601/800 S & SJ Series 450/510/600/800 AJ Series

Drive/Steer Replaces 1600239. without ADE (Advanced Design Electronics) System

- Rugged reliable design that has been proven in the field for decades
- Precise remote control electrohydraulics
- Compact mounting design



- Compact and rugged design
- Environmentally sealed mounting
- Smooth high-life compression style spring return
- Long life Hall Effect technology
- Conformal coated electronics resist dirt and moisture



- Hall Effect sensing technology utilizes magnetic sensors, creating a contactless environment, making for better position sensing than switch and potentiometer technology
- Enclosed electronics have an IP65 rating and are resitant to water and dust
- One million cycle mechanical life
- Compact rugged mechanical controller design

Models

400/600/800/100/1200/1350/ 1500/1850 S & SJ Series 450/510/600/800 AJ Series

Description

Joystick Single Axis Hall Effect Drive/Steer Replaces 1600318; 1001118416 with ADE (Advanced Design Electronics) System



- Hall Effect sensing technology utilizes magnetic sensors, creating a contactless environment, making for better position sensing than switch and potentiometer technology
- Enclosed electronics have an IP65 rating and are resitant to water and dust
- Compact rugged mechanical controller design



- Hall Effect sensing technology utilizes magnetic sensors, creating a contactless environment, making for better position sensing than switch and potentiometer technology
- Enclosed electronics have an IP65 rating and are resitant to water and dust
- Compact rugged mechanical controller design

Models 400/600/601/800 S & SJ Series 450/510/600/800 AJ Series Description D/A Lift/Swing Replaces 1600242 without ADE (Advanced Design Electronics) System

- Heavy duty design

- Single cam design for better switch timing
 Single gear design for better potentiometer centering
 Manufactured with the same material at the same widths to provide
- less wear and increased relaibility
- 50% less moving parts- Advanced handle centering technology

PART# SY4360462

Models

E300A/AJ/AJP E/M400A/AJP E/M400//AJ E/M450A/AJ E400An/E400AJP/E400AAJPn M400AJP/M400AJPn E45A/AJ E40AJP/AJPn M45A/AJ M40AJP/AJPn E600/J/JP M600/J/JP

Description

Rotary Speed Controller Boom Functions



- Controlled output of threshold, maximum range, and ramp
- Maintained signal

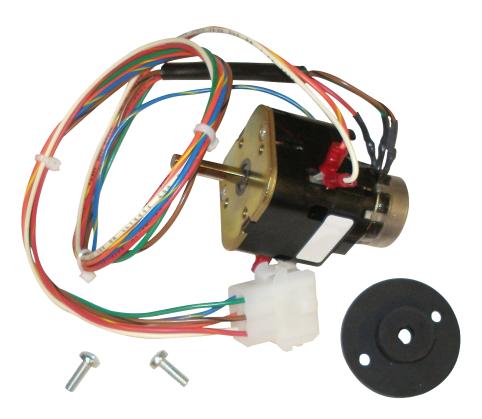
PART# SY96665

Models

400/600/800 S & SJ Series 450/510/600/740/800 AJ Series

Description

Rotary Speed Controller Boom Functions



- Controlled output of threshold, maximum range, and ramp
- Maintained signal



Part#	 Model	Axis	Part#	Model	Axis
SYJS-1043	40H 45HA 60H 60HA 70H 80H/HX 86HX 150HAX	Single	SYJS-1113	40H/40H+6 45HA 60H/60H+6 60HA 70H 80H 80HX+6 86HX 100HX 100HX 100HX 110HX	Single
SYJS-1103	120HX	Single	SYJS-1116	450A/AJ	Single
SYJS-1107	30E 35E 40E 45E N35E N40E	Single	SYJS-1039	E/M400,450A/ AJ/AJP Narrow E/M45A/AJ E300/A/AJ/AJP	Single
SYJS-1112	40/45IC	Single	SYJS-1040	E/M400A/AJ/ AJP Narrow E/M40AJP/AJP Narrow E/M450A/AJ/ AJP Narrow E/M45A/AJ E/M600/J/JP E300A/AJ/AJP	Single



Part#	Model	Axis	Part#	Model	Axis
SYJS-1101	CM2033 CM2046 CM2546 CM2558	Single	SYJS-1108	3369E 3969E	Single
SYJS-1104	CM1432Plus CM1732 CM2033 CM2046 CM2546 CM2558	Single	SYJS-1110	26MRT	Single
SYJS-1105	25RTS 33RTS 400RTS 40RTS 500RTS	Single	SYJS-1114	1532E 1932E 2033E 2046E 2646E 2658E	Single



SYJS-1007 1932E2 Single 2033E2 2046E2 2646E2 2658E2

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Hall Effect Controllers

Part#	Model	Axis	Part#	Model
SYJ5-1232	400S/SJ 460S/SJ 450A Series II 600S/SJ 601S 660SJ 800A/AJ 1100S/SJP 1200SJP 1250AJP 1350SJP	Lift/Swing	SYJS-1234	E/M45A E/M45AJ E/M400A E/M400AJP Narrow E/M600J/JP E300A E450A/AJ M40AJP M40AJP NarrowJ
SYJS-1233	E/M400A/AJ/ AJP Narrow E/M40AJP/AJP Narrow E/M450A/AJ/ AJP Narrow E/M45A/AJ E/M600/J/JP E300A/AJ/AJP	Drive/Steer	SYJS-1235	400S/SJ 450A Series II 600A/AJ 600S/SJ 601S 660SJ 680S 740AJ 800A/AJ 800S 860SJ 1100S/SJP

Axis Lift/Swing

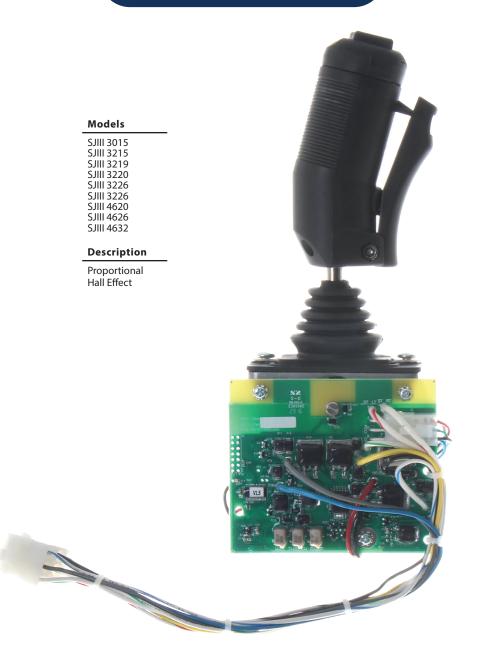
Drive/Steer

PART# SYJS-1288



- Hall Effect sensing technology utilizes magnetic sensors, creating a contactless environment, making for better position sensing than switch and potentiometer technology
- Enclosed electronics have an IP65 rating and are resitant to water and dust
- Compact and rugged mechanical controller design

PART# SYJS-1019



- Hall Effect sensing technology utilizes magnetic sensors, creating a contactless environment, making for better position sensing than switch and potentiometer technology
- Compact and rugged mechanical controller design

PART# SYJS-159111



SJIII S226 SJIII 3226 SJIII 4620 SJIII 4626 SJIII 4632 SJIII 6826E

Description

Drive/Steer

Features:

- Hall Effect sensing technology utilizes magnetic sensors, creating a contactless environment, making for better position sensing than switch and potentiometer technology

- Compact and rugged mechanical controller design

PART# SY28-105858



- Hall Effect sensing technology utilizes magnetic sensors, creating a contactless environment, making for better position sensing than switch and potentiometer technology
- Enclosed electronics have an IP65 rating and are resitant to water and dust
- Compact and rugged mechanical controller design

PART# SYJS-159109



SJ-7127/35RT SJ-8831/41RT

- Hall Effect sensing technology utilizes magnetic sensors, creating a contactless environment, making for better position sensing than switch and potentiometer technology
- Compact and rugged mechanical controller design

FEATURED PRODUCT FOR SKYJACK

PART# SYJS-1227



Features:

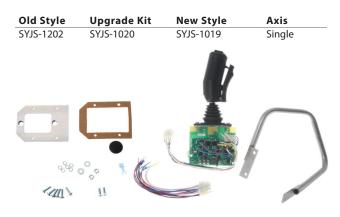
- Hall Effect sensing technology utilizes magnetic sensors, creating a contactless environment, making for better position sensing than switch and potentiometer technology
- Enclosed electronics have an IP65 rating and are resitant to water and dust
- Compact and rugged mechanical controller design



Part#	Model	Axis	Part#	Model	Axis
SYJS-1125	SJ-600	Single	SYJS-1131	SJLB12	Single
-	SJ-800			SJKB-33	
	SJ-900			SJKB-40	
	SJ-1000				

Skyjack Upgrade Kit

- Newer machines come equipped with current product controllers
- Older style controllers will need to be updated upon servicing
- This update kit will convert your machine to the newest controllers



Old Style	Upgrade Kit	New Style	Axis
SYJS-1124	SYJS-1021	SYJS-1125	Single

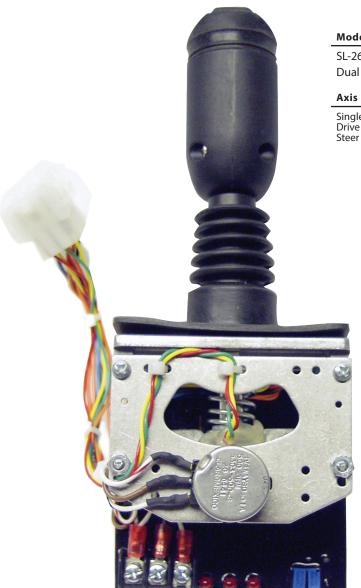
FEATURED PRODUCT FOR SNORKEL

PART# SYJS-1002



FEATURED PRODUCT FOR SNORKEL

PART# SYJS-1012



Models SL-26 Diesel & Dual Fuel

Single Axis Drive

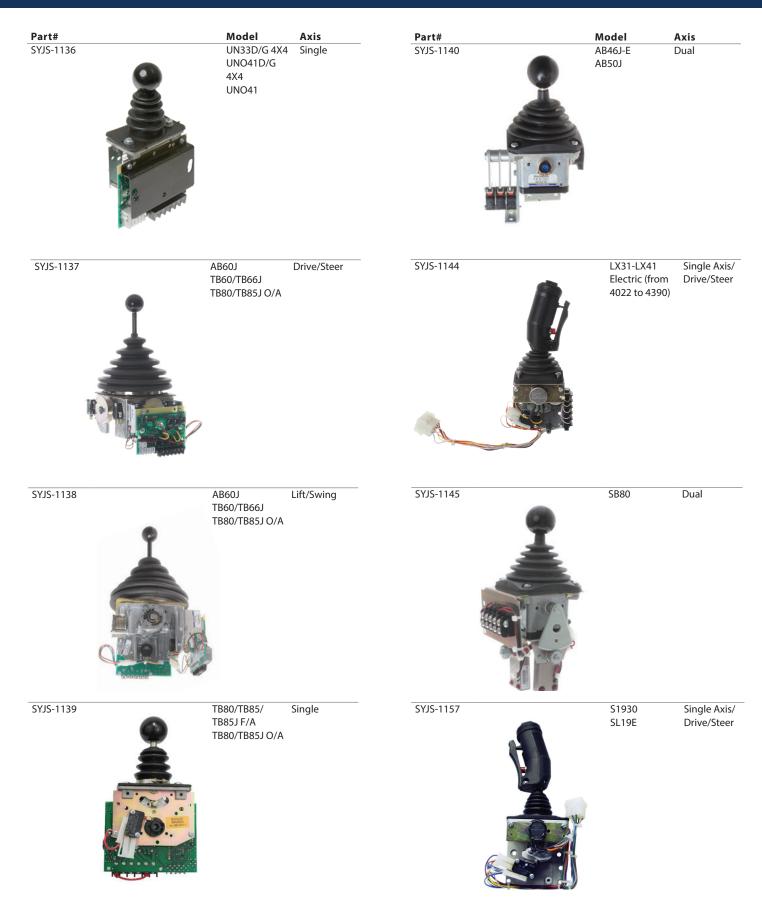




SNORKEL



SNORKEL





Part#
SYJS-1160



Model Axis AB46 Bi-Energy Single AB46 Electric

Part# SYJS-1165

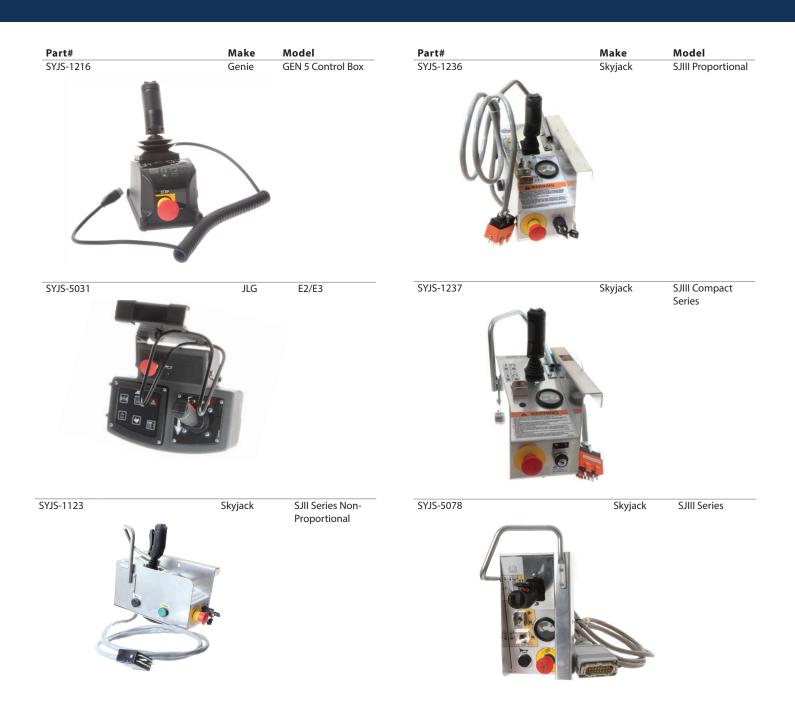


Model AB62 Diesel (from 1100)

Axis Single

AB62 Gas

CONTROLLER BOXES





Parts sourced by TVH.



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