

Note on Yamaha XS650 Keys

5Twins – May15-2020

ElCamMan, if I understand you correctly, you have a partial switch now, just missing or needing a few replacement parts? You could renovate that then.

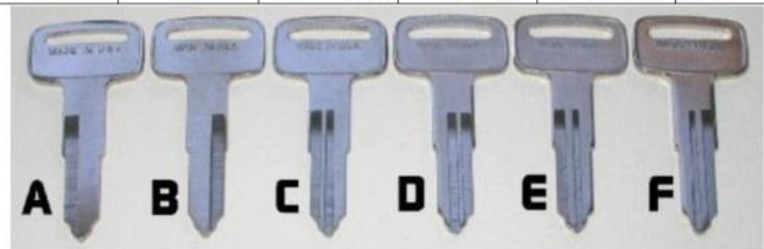
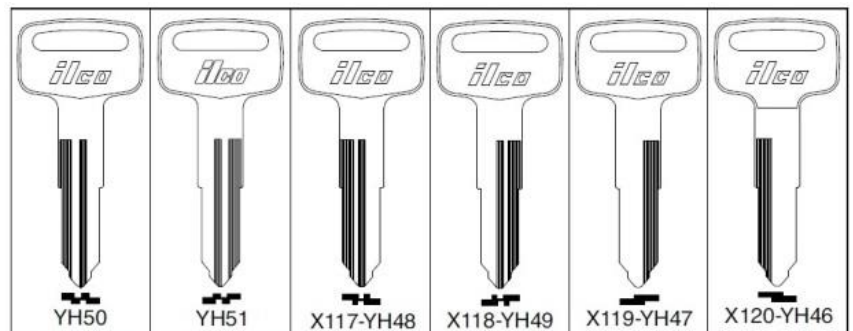
If you bought a new assembly, there's no way the keys would match your other locks, and no way to make it so by re-keying. The '80 and older locks had two notch cuts, a medium and deep one. '81 and later, and the new aftermarket switches use a different key type with three notch cuts, light, medium, and deep.



On the older locks, the notch depth varies by .75mm. On the later locks, it only changes by .5mm between the different cuts.

So, to have any chance of matching up to your existing other locks, you will need a '78-'80 switch assembly. But, there were about a half dozen different key styles used. Well, actually there were 3 mirror imaged pairs

As I mentioned, in about 1981 the key blanks changed from ones with 4 numbers to ones with a letter and 5 numbers



YH46-X120 YH47-X119 YH48-X117 YH49-X118 YH50 YH51

ILCO® Motorcycle Key Blank Reference

Model	Years	Code Series	Ilco / Silca
Various Models	1980+		X120 - YH46
			X119 - YH47
			X117 - YH48
			X118 - YH49
			YH50
			YH51
Virago, XT, DT, TW, FZR, RD, Seca, SR, YX, XS, FJ, XV, YSR, V Max, Vira, Riva, mid 90's models, 4-wheelers, other model	1980-1983	A11111-A44444	X120 - YH46
		B11111-B44444	X119 - YH47
		C11111-C44444	X117 - YH48
		D11111-D44444	X118 - YH49
		E11111-E44444	YH50
		F11111-F44444	YH51

You will need one of the older assemblies using the 4 number type lock. Now, how can you tell what blank it needs and if it's the same as your existing locks? You can look up the 4 number code on this chart

The following are updated lists of previously introduced key-blank numbers and their part numbers.

LOCK/KEY NUMBER	KEY BLANK	LOCK/KEY NUMBER	KEY BLANK	LOCK/KEY NUMBER	KEY BLANK
221 ~ 227	211	3491 ~ 3500	1212	4151 ~ 4160	1221
228 ~ 234	212	3501 ~ 3530	1215	4161 ~ 4190	1221
1209 ~ 1215	221	3531 ~ 3550	1215	4191 ~ 4200	1221
1711 ~ 1725	111	3551 ~ 3580	1219	4201 ~ 4210	1220
1726 ~ 1750	911	3581 ~ 3600	1219	4211 ~ 4240	1220
1751 ~ 1775	921	3601 ~ 3630	1216	4241 ~ 4250	1220
1776 ~ 1800	151	3631 ~ 3650	1216	4251 ~ 4260	1222
2109 ~ 2115	222	3651 ~ 3680	1220	4261 ~ 4290	1222
2311 ~ 2318	412	3681 ~ 3700	1220	4291 ~ 4300	1222
2411 ~ 2418	411	3701 ~ 3730	1221	4301 ~ 4320	1211
2550 ~ 2557	522	3731 ~ 3750	1221	4321 ~ 4350	1211
2611 ~ 2625	112	3751 ~ 3760	1213	4351 ~ 4370	1213
2626 ~ 2650	912	3761 ~ 3790	1213	4371 ~ 4400	1213
2651 ~ 2675	922	3791 ~ 3800	1213	4401 ~ 4420	1212
2676 ~ 2700	152	3801 ~ 3830	1222	4421 ~ 4450	1212
2750 ~ 2757	512	3831 ~ 3850	1222	4451 ~ 4470	1214
2840 ~ 2847	511	3851 ~ 3860	1214	4471 ~ 4500	1214
3101 ~ 3130	1211	3861 ~ 3890	1214	4501 ~ 4520	1215
3131 ~ 3150	1211	3891 ~ 3900	1214	4521 ~ 4550	1215
3151 ~ 3180	1213	3901 ~ 3910	1215	4551 ~ 4570	1217
3181 ~ 3200	1213	3911 ~ 3940	1215	4571 ~ 4600	1217
3201 ~ 3230	1212	3941 ~ 3950	1215	4601 ~ 4620	1216
3231 ~ 3250	1212	3951 ~ 3960	1217	4621 ~ 4650	1216
3251 ~ 3280	1214	3961 ~ 3990	1217	4651 ~ 4670	1218
3281 ~ 3300	1214	3991 ~ 4000	1217	4671 ~ 4700	1218
3301 ~ 3330	1217	4001 ~ 4010	1216	4701 ~ 4720	1219
3331 ~ 3350	1217	4011 ~ 4040	1216	4721 ~ 4750	1219
3351 ~ 3360	1211	4041 ~ 4050	1216	4751 ~ 4770	1221
3361 ~ 3390	1211	4051 ~ 4060	1218	4771 ~ 4800	1221
3391 ~ 3400	1211	4061 ~ 4090	1218	4801 ~ 4820	1220
3401 ~ 3430	1218	4091 ~ 4100	1218	4821 ~ 4850	1220
3431 ~ 3450	1218	4101 ~ 4110	1219	4851 ~ 4870	1222
3451 ~ 3460	1212	4111 ~ 4140	1219	4871 ~ 4900	1222
3461 ~ 3490	1212	4141 ~ 4150	1219		

GENERAL NEW LOCK-NUMBER LOCATION AND FORMAT

The lock/key number of the affected models has been relocated on the main switch, and the format for identifying the proper key blanks has been changed.

AFFECTED MODELS

All SR250G and XJ650G
Most 1981 street-legal models

PROCEDURE

The lock/key number on the affected models is located on the bottom of the main switch; see Photo. On most models, the number can be seen with the switch installed on the motorcycle; some models, however, require the removal of some parts to reveal the number.

The new lock-number format has a letter prefix indicating which key blank is to be used when cutting a new key. There are six letters used, A through F; hence, there are six types of new key blanks. After determining the prefix letter, refer to the chart below for the part number of the proper key blank.



PARTS INFORMATION

PREFIX LETTER	PART NUMBER	DESCRIPTION	DEALER COST
A	90890-55813-00	Key Blank	\$0.54
B	90890-55814-00	Key Blank	0.54
C	90890-55815-00	Key Blank	0.54
D	90890-55816-00	Key Blank	0.54
E	90890-55817-00	Key Blank	0.54
F	90890-55818-00	Key Blank	0.54

SERVICE COPY	SER MGR	MECH	MECH	MECH	BINDER
OFFICE COPY	GEN MGR	SALES	PARTS	BINDER	PAGE 1 OF 3

As an example, the 3515 lock *Yamadude* has would use a Yamaha 1215 blank. Now you need to know which aftermarket blanks match up to the Yamaha ones. Here's a little chart I made up

Ilco Blank Number	Yamaha Key Number
YH46 - X120	1211, 1223(Short), 1225(Long)
YH47 - X119	1212, 1224(Short), 1226(Long)
YH48 - X117	1213, 1217, 1221, 1227(Long)
YH49 - X118	1214, 1218, 1222, 1228(Long)
YH50	1215, 1219, 1229(Long)
YH51	1216, 1220, 1230(Long)