

ELECTRICAL

3-2 ELECTRICAL CHARTS

(A) GENERAL

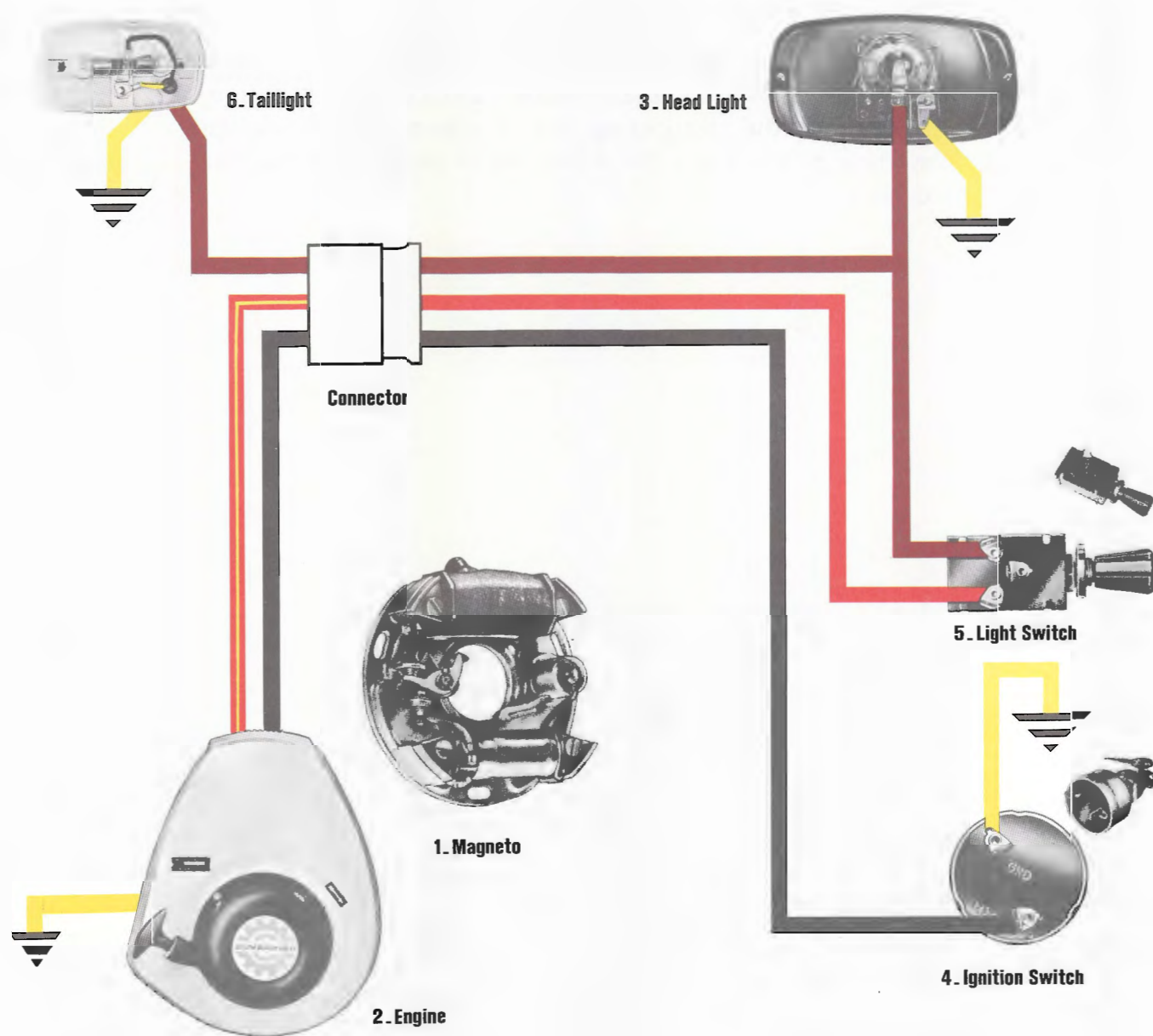
The following pages include the various electrical wiring diagrams of all the 1970 and '71 Ski-Doo Snowmobile vehicles.

IMPORTANT

It is important to remember that no current is complete unless there is a complete circuit, and no current is complete until the conducting circuit returns to the original starting point where the difference of potential or voltage occurs.

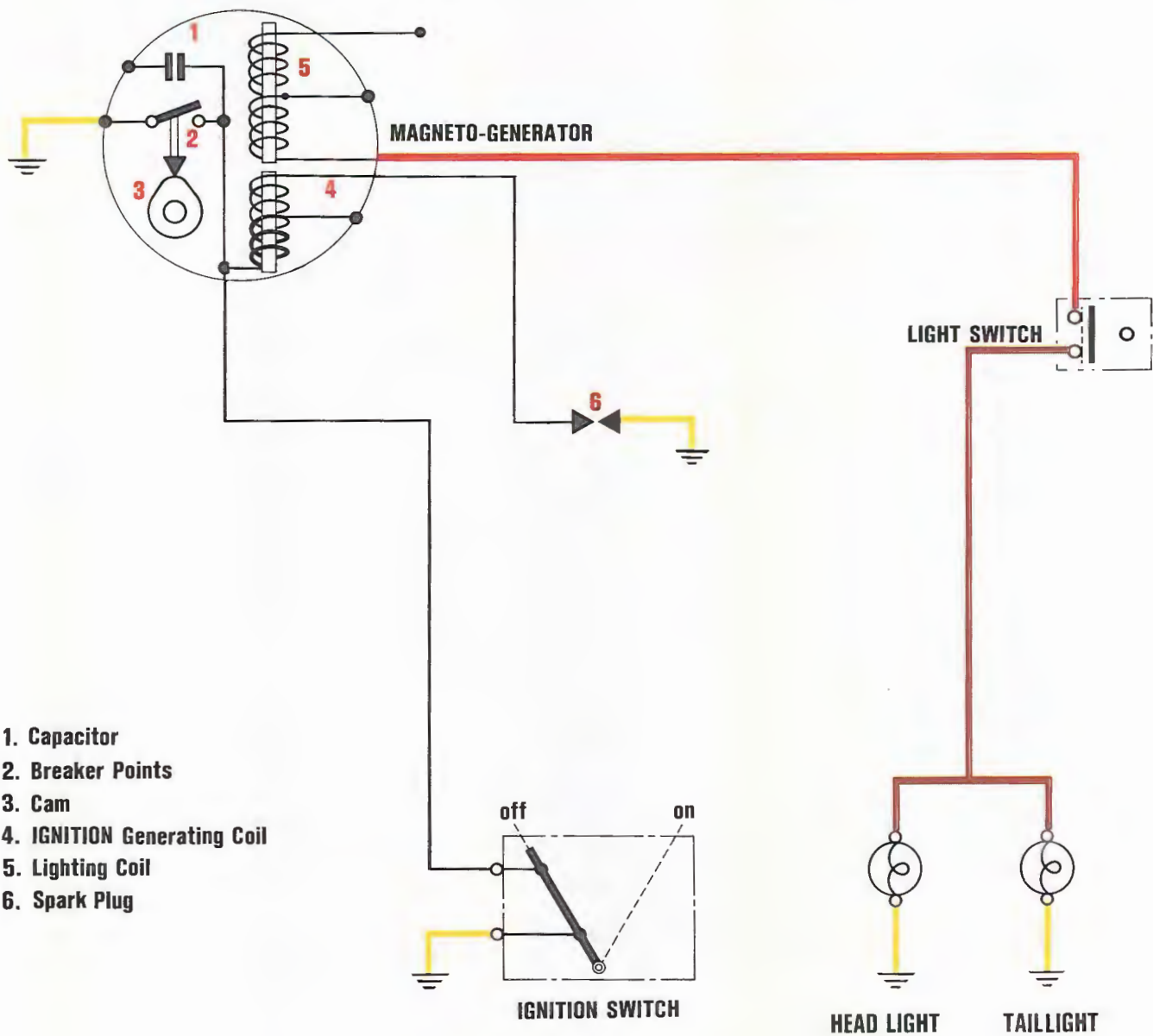
1970 SINGLE CYLINDER MANUAL START

Applicable on Olympique 12/3, 335, TN'T 292, 340



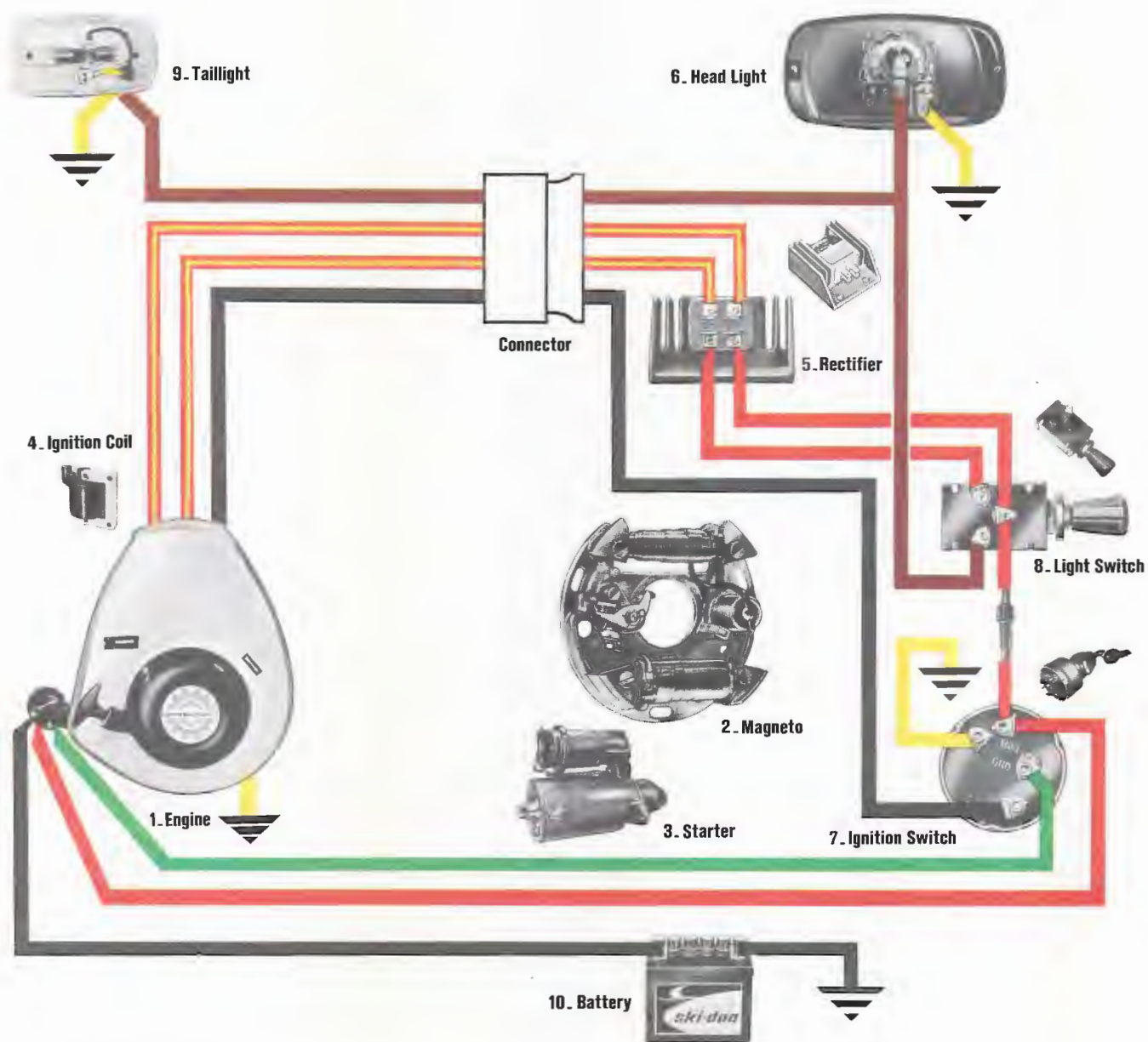
1970 SINGLE CYLINDER MANUAL START

Applicable on Olympique 12/3, 335, TN'T 292, 340



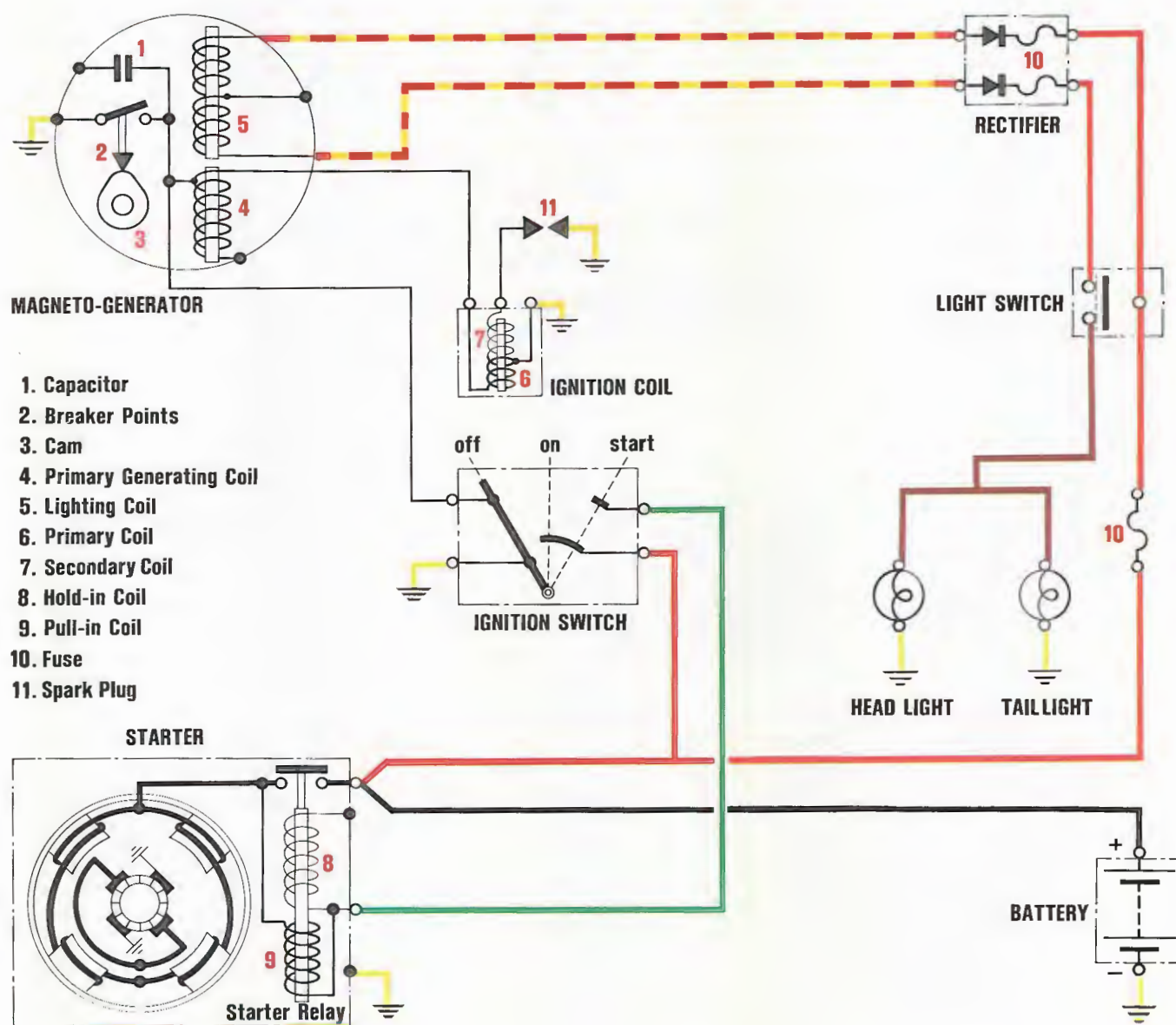
1970 SINGLE CYLINDER ELECTRICAL START

Applicable on Olympique 335E



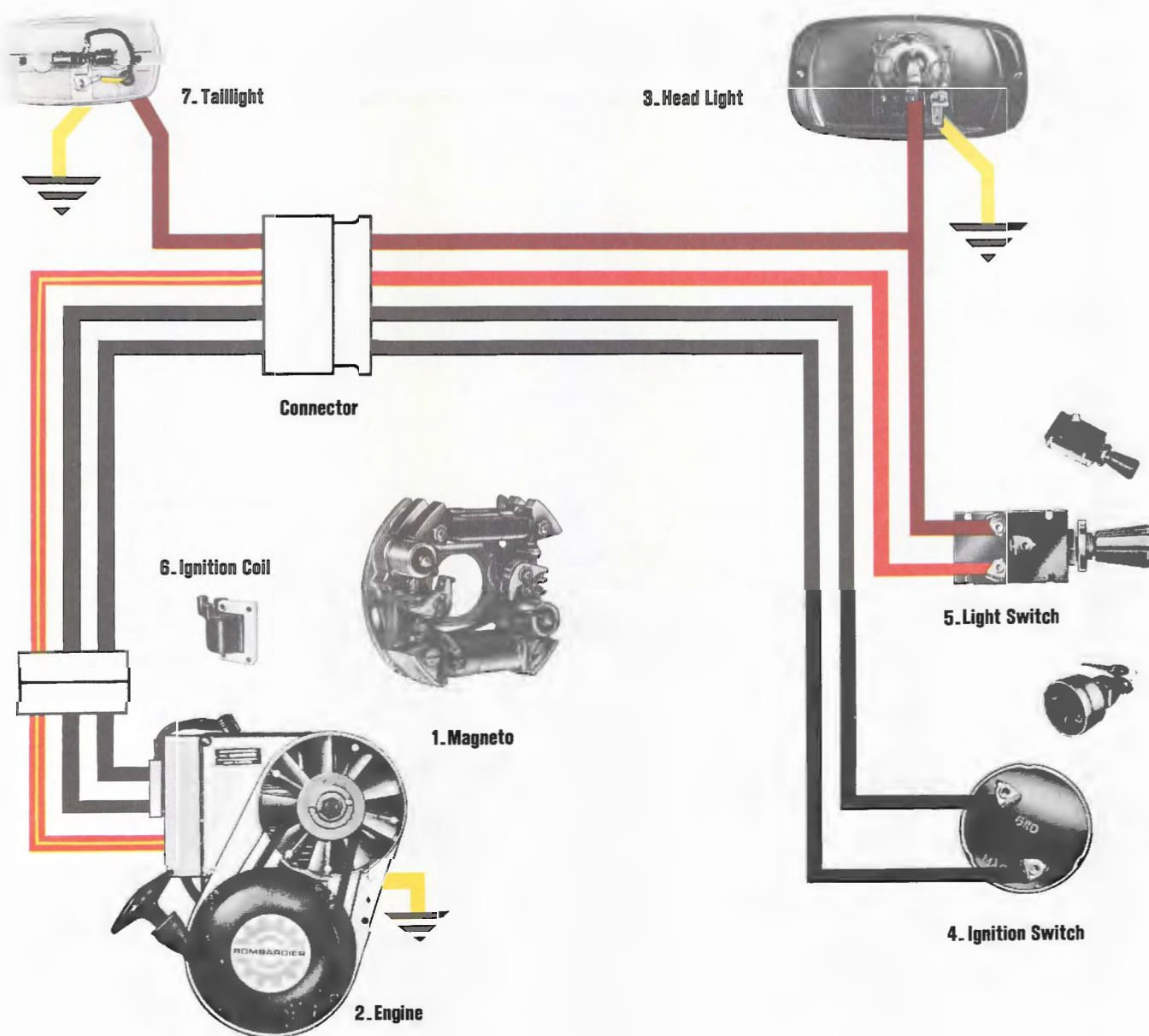
1970 SINGLE CYLINDER ELECTRICAL START

Applicable on Olympique 335E



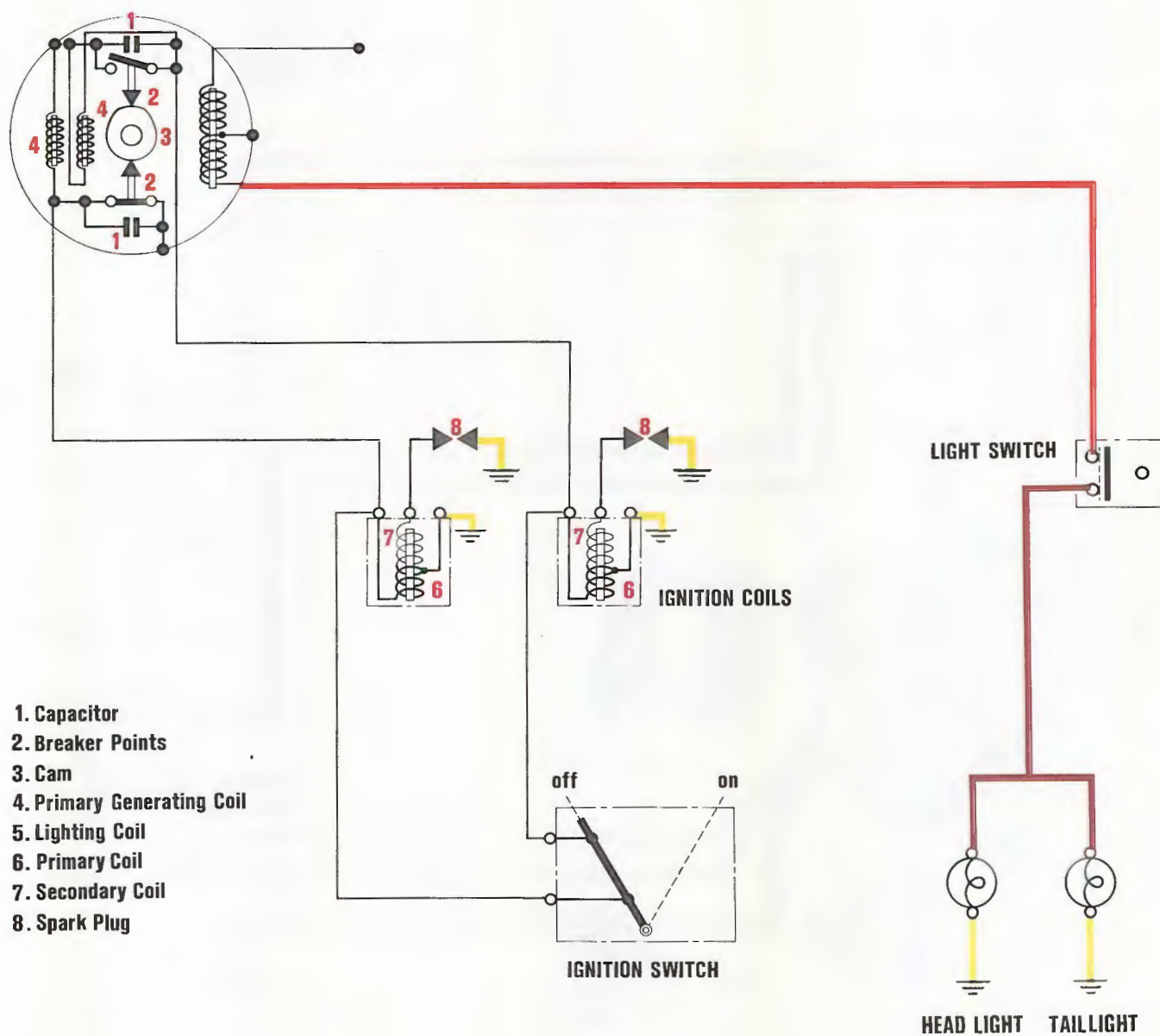
1970 DOUBLE CYLINDER MANUAL START

Applicable on Olympique 399, Nordic 399, Alpine 399, TN'T 399, 640



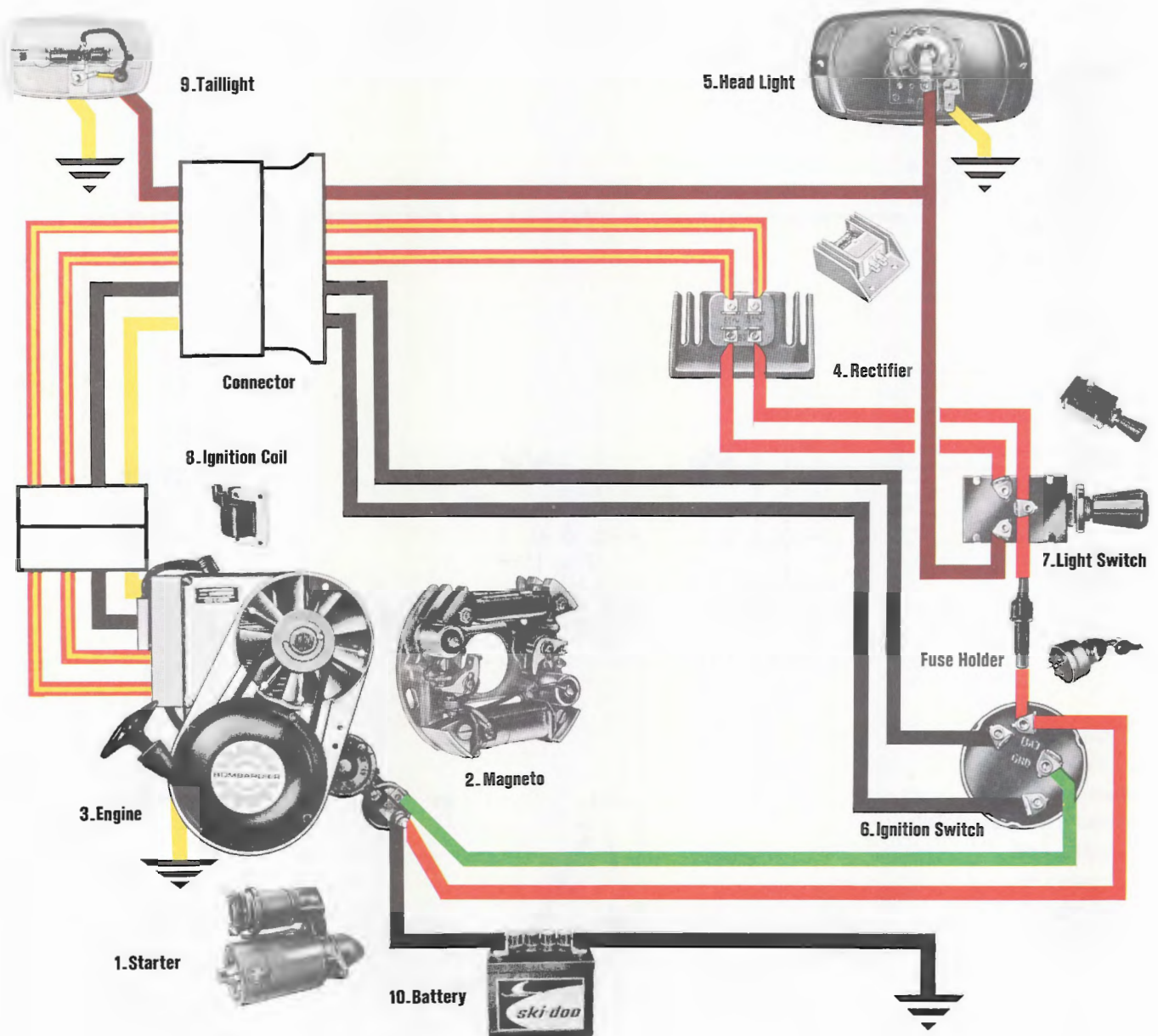
1970 DOUBLE CYLINDER MANUAL START

Applicable on Olympique 399, Nordic 399, Alpine 399, TN'T 399, 640



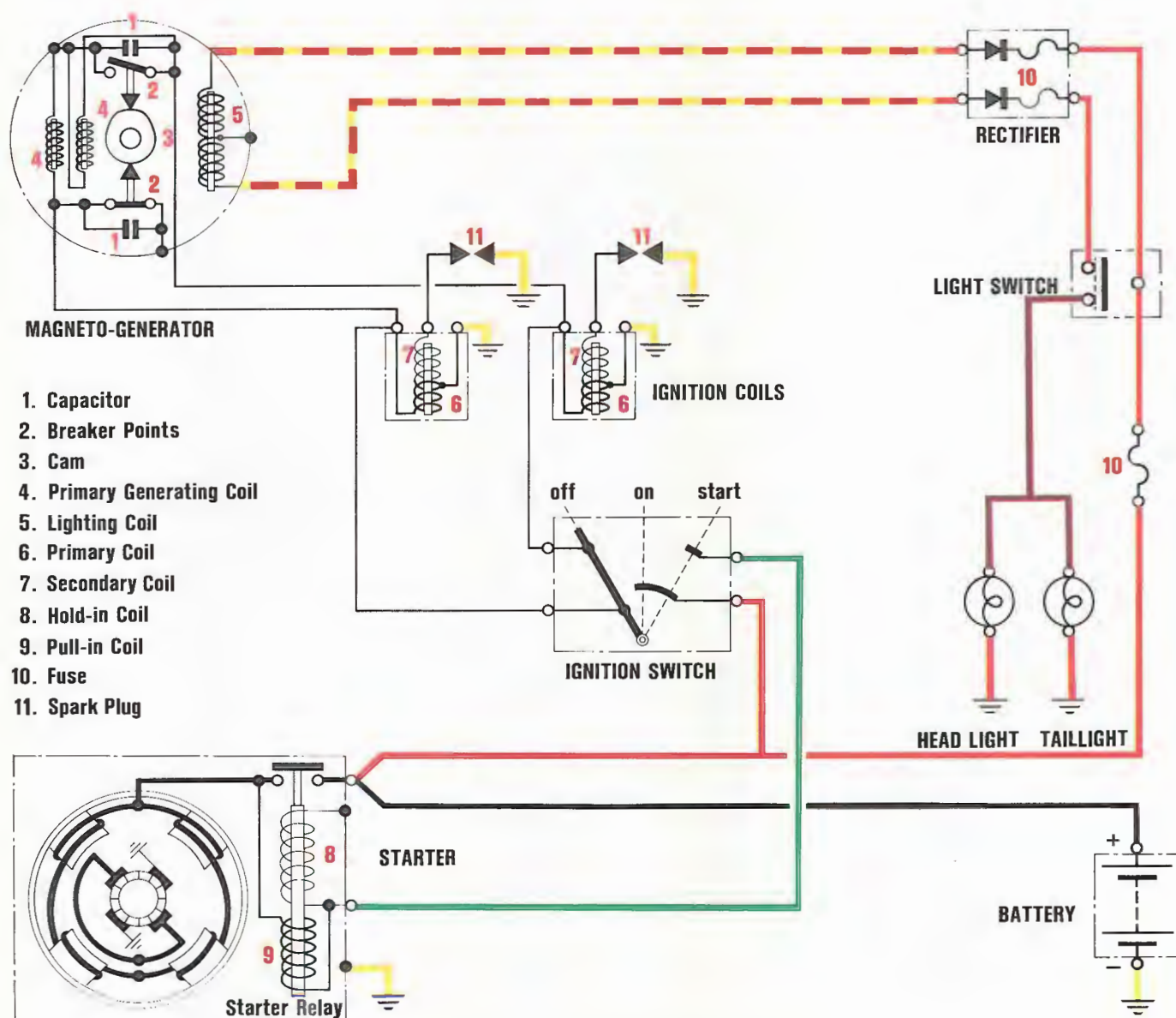
1970 DOUBLE CYLINDER ELECTRICAL START

Applicable on Nordic 399E, 640E, Alpine 399ER, Invader 640ER



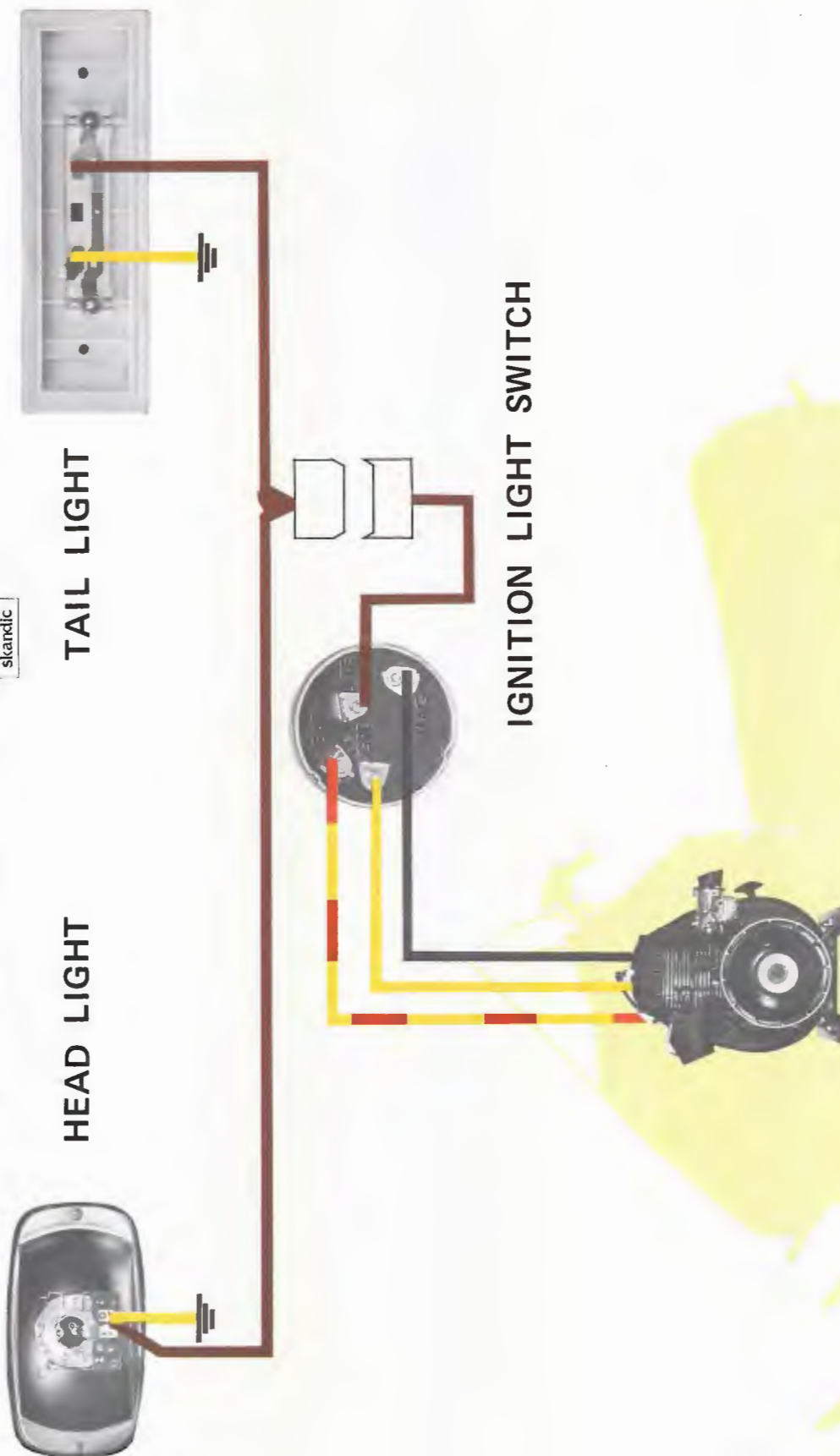
1970 DOUBLE CYLINDER ELECTRICAL START

Applicable on Nordic 399E, 640E, Alpine 399ER, Invader 640ER

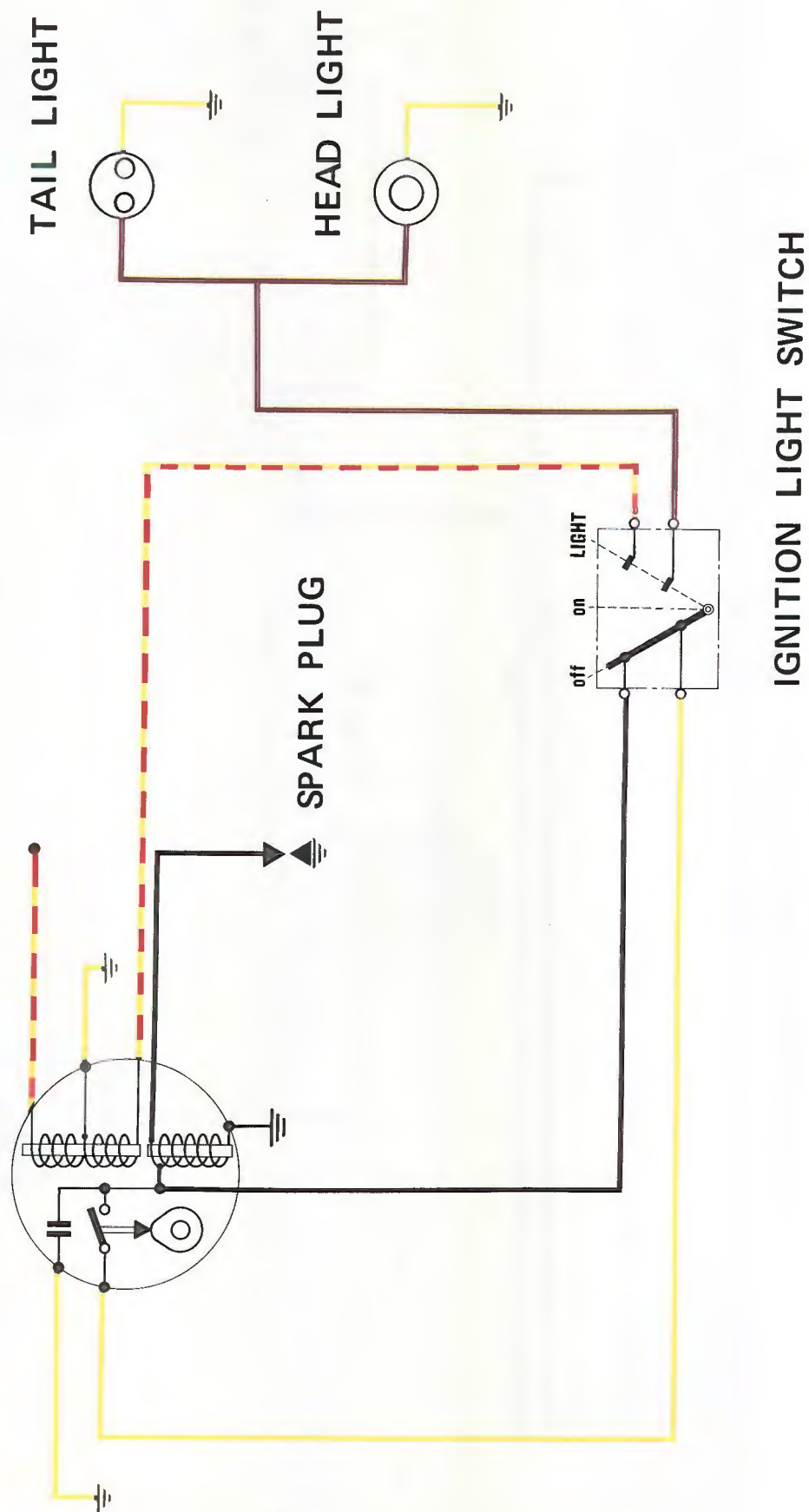


1971 SINGLE CYLINDER MANUAL START

Applicable on:  250,  335

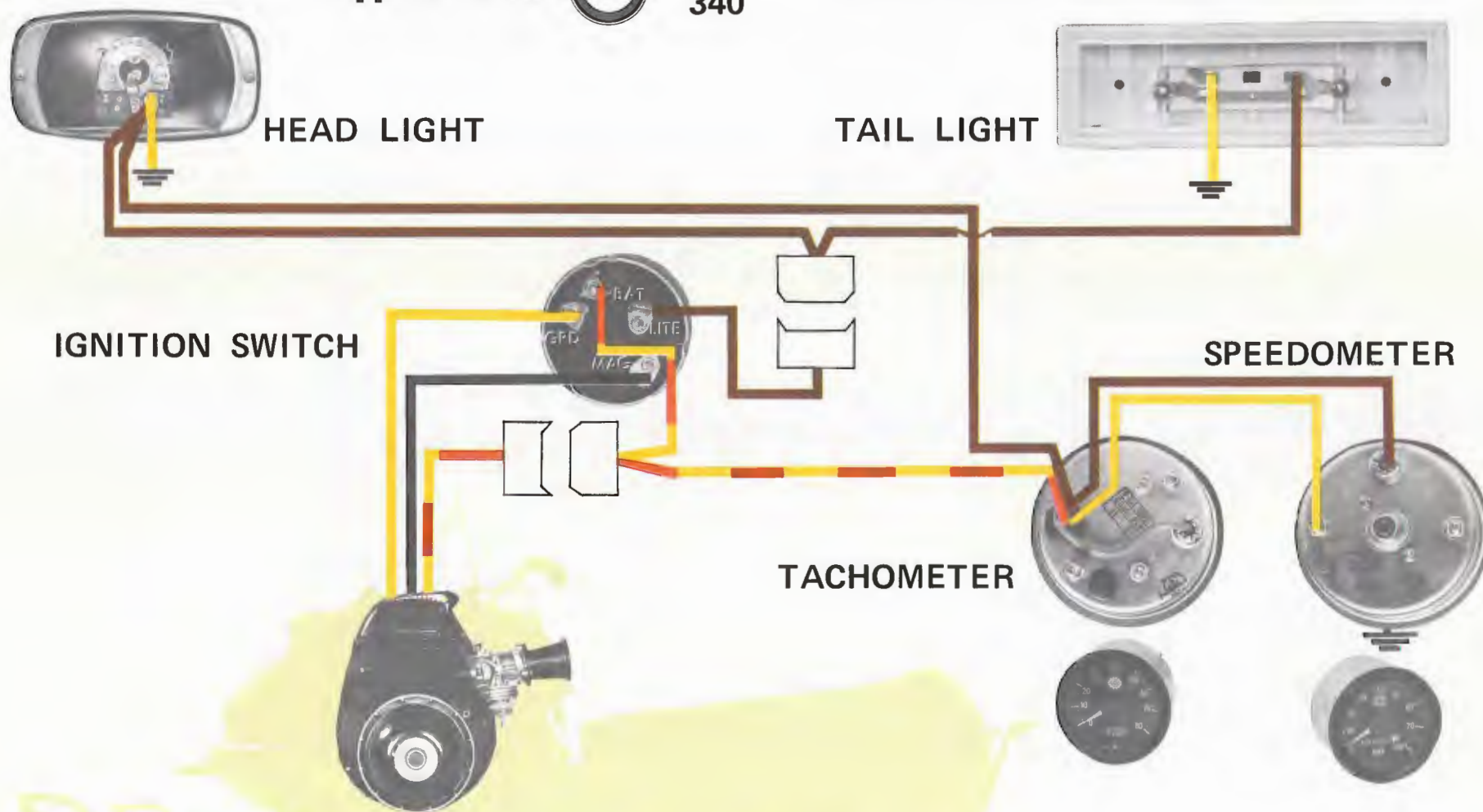


1971 SINGLE CYLINDER MANUAL START

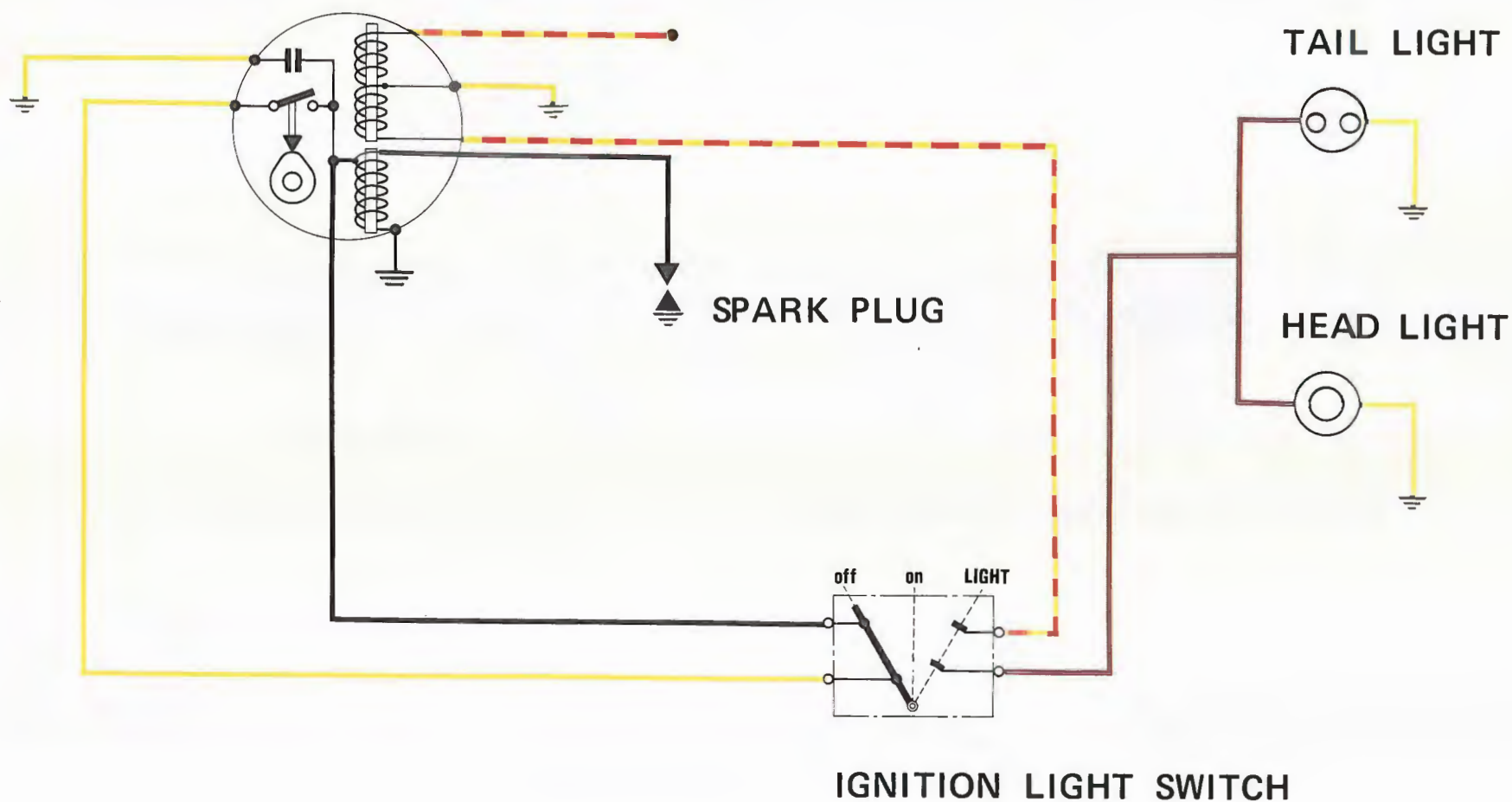


1971 SINGLE CYLINDER MANUAL START

Applicable on:  292
340



1971 SINGLE CYLINDER MANUAL START

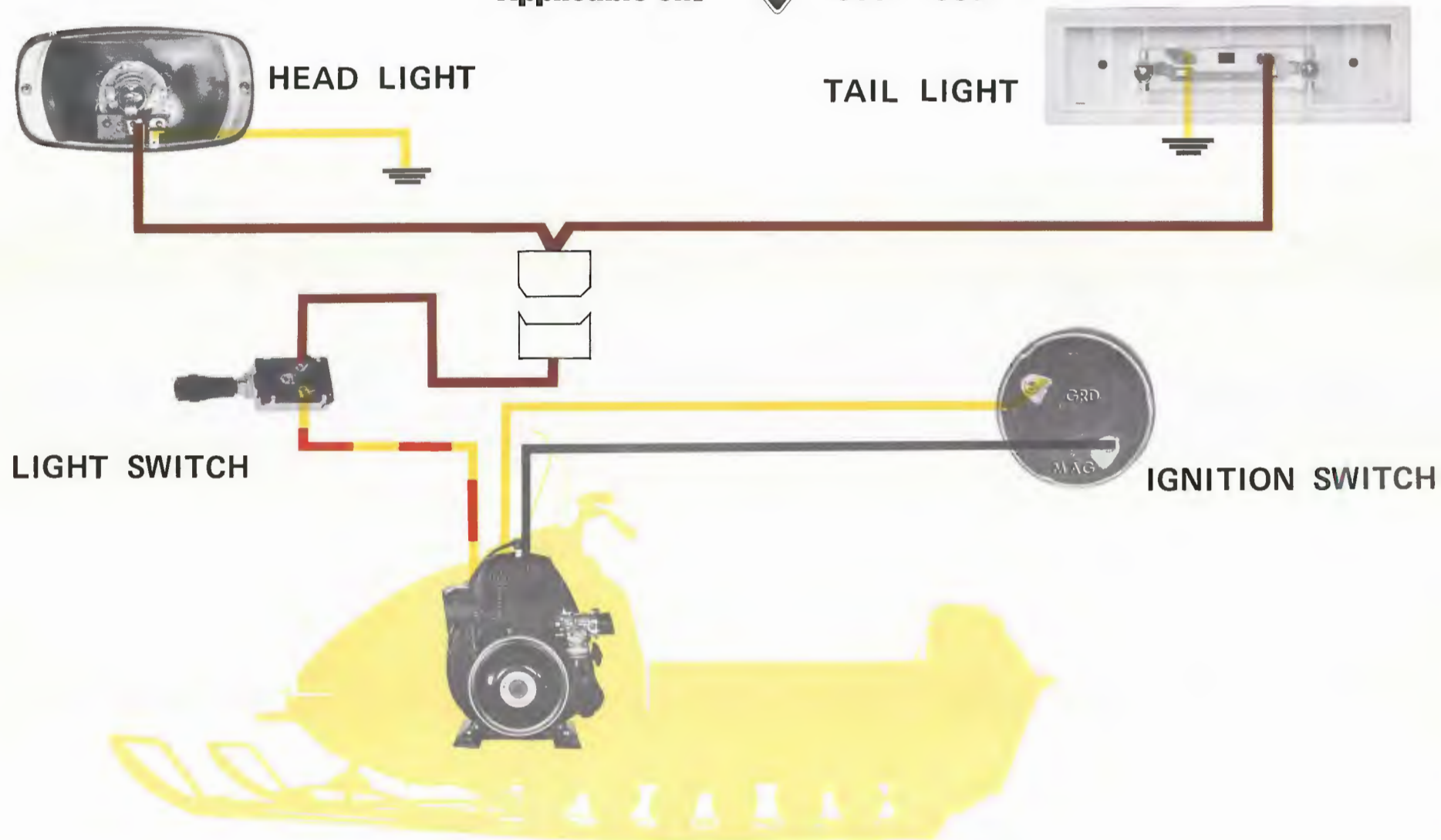


1971 SINGLE CYLINDER MANUAL START

Applicable on:

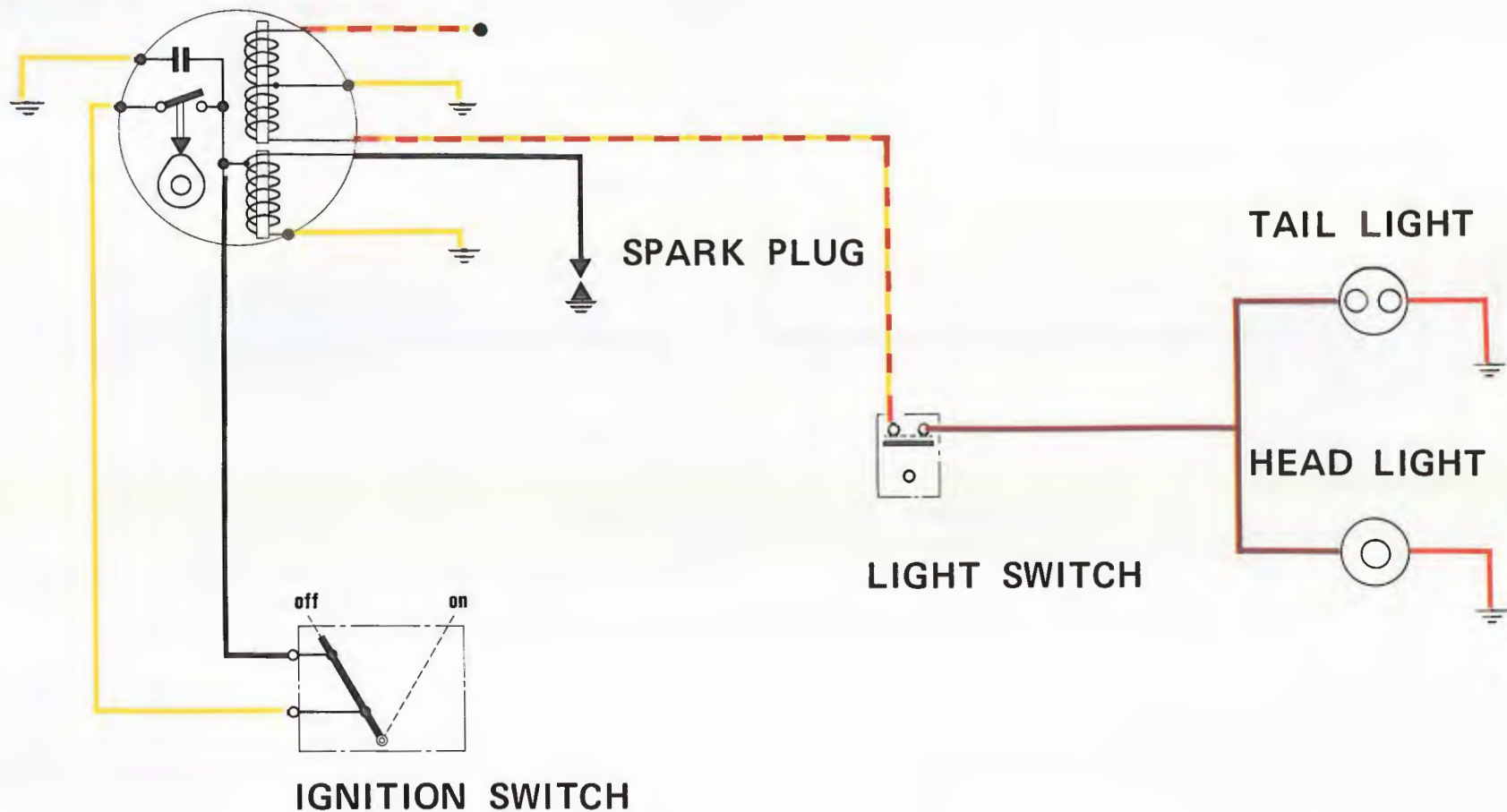


300 - 335



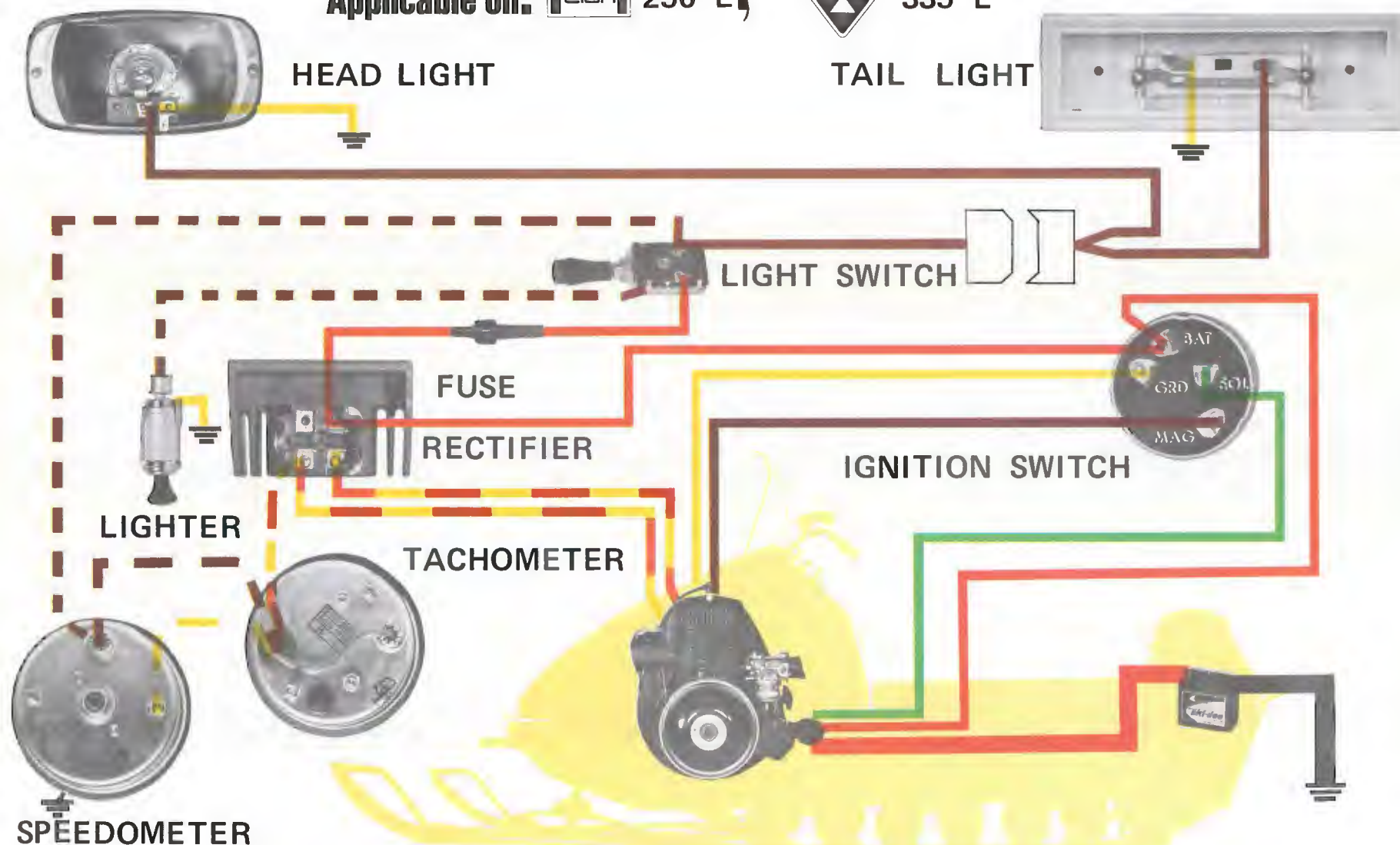
1971 SINGLE CYLINDER MANUAL START

MAGNETO-GENERATOR

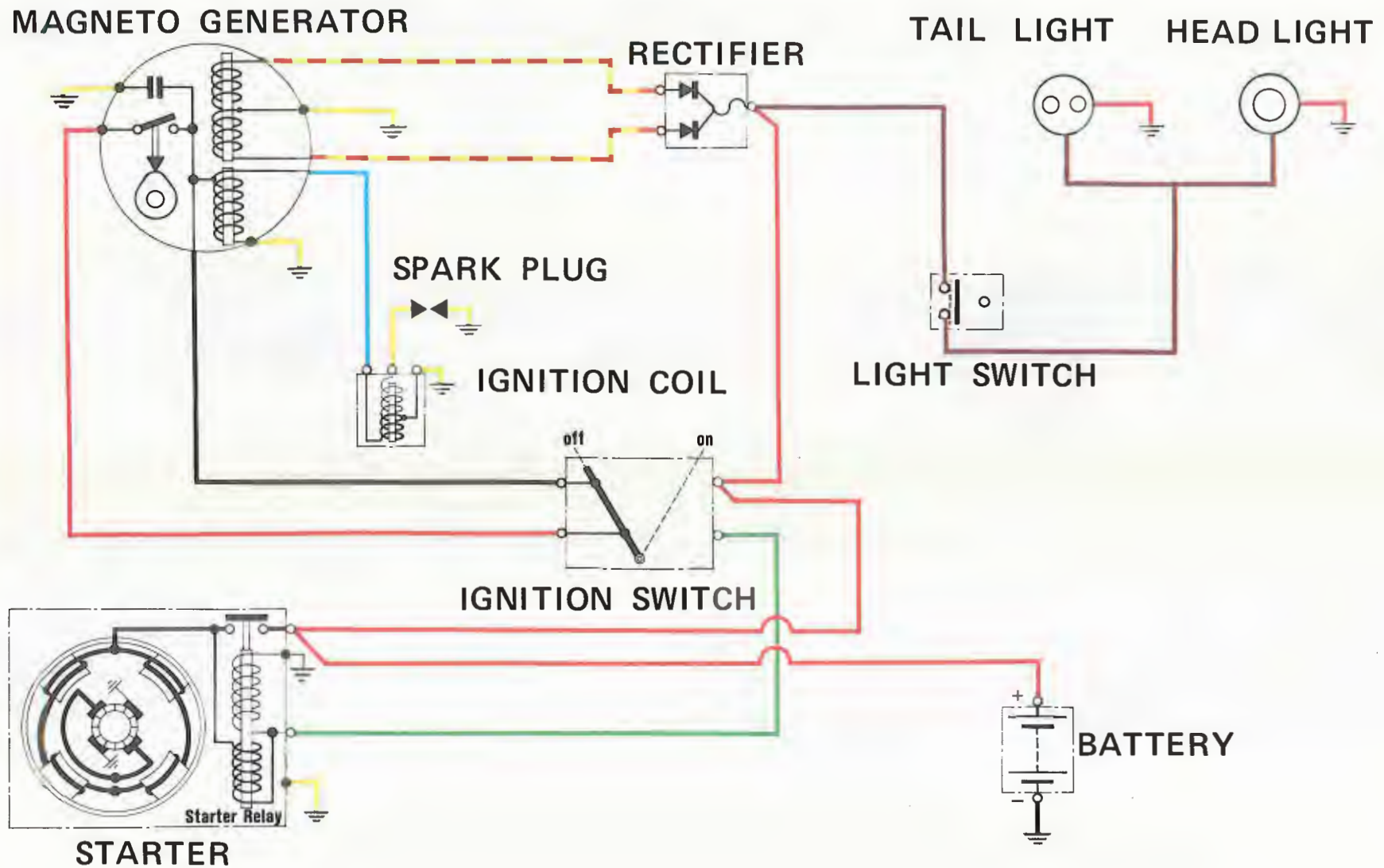


1971 SINGLE CYLINDER ELECTRICAL START

Applicable on:  250 E,  335 E



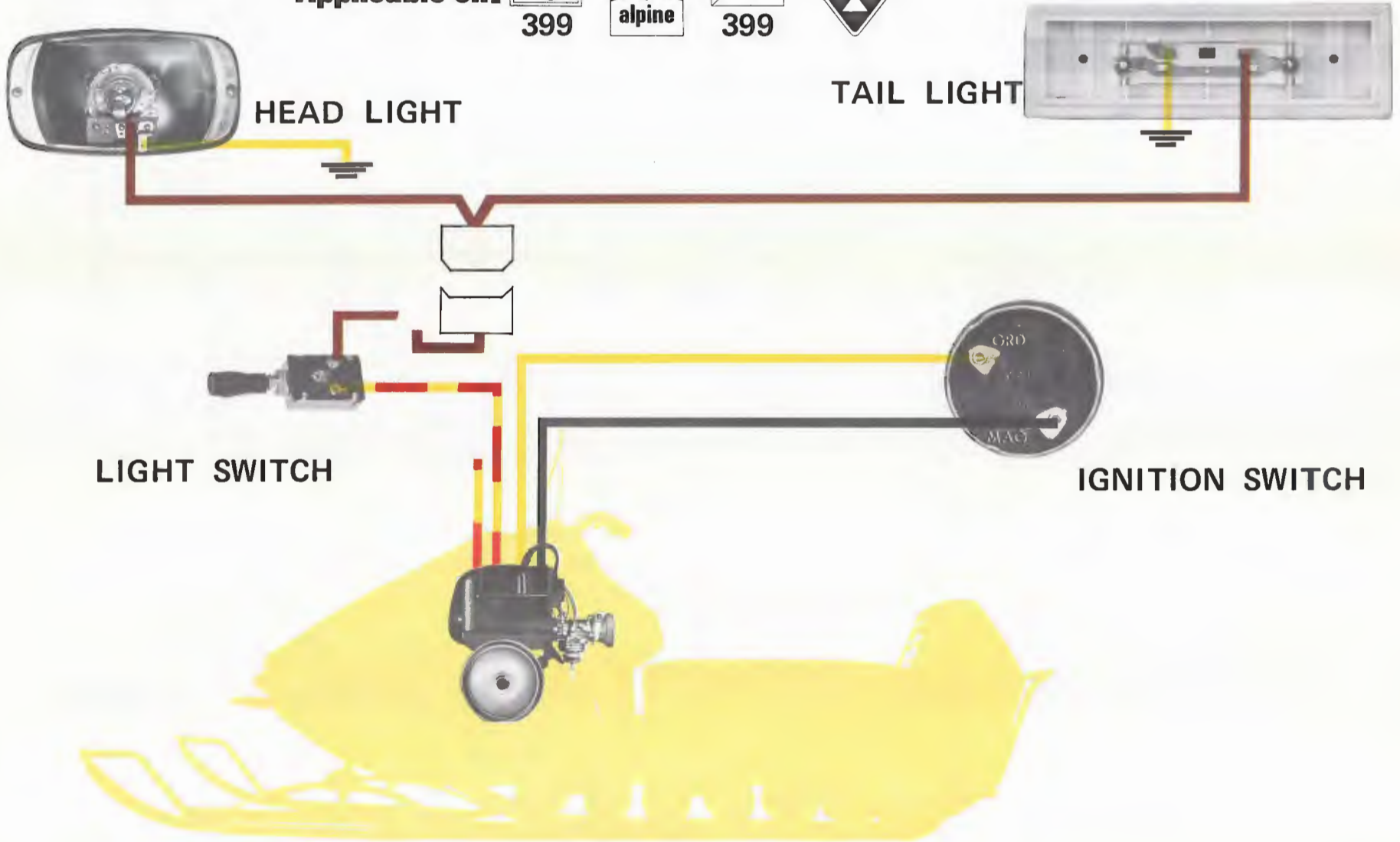
1971 SINGLE CYLINDER ELECTRICAL START



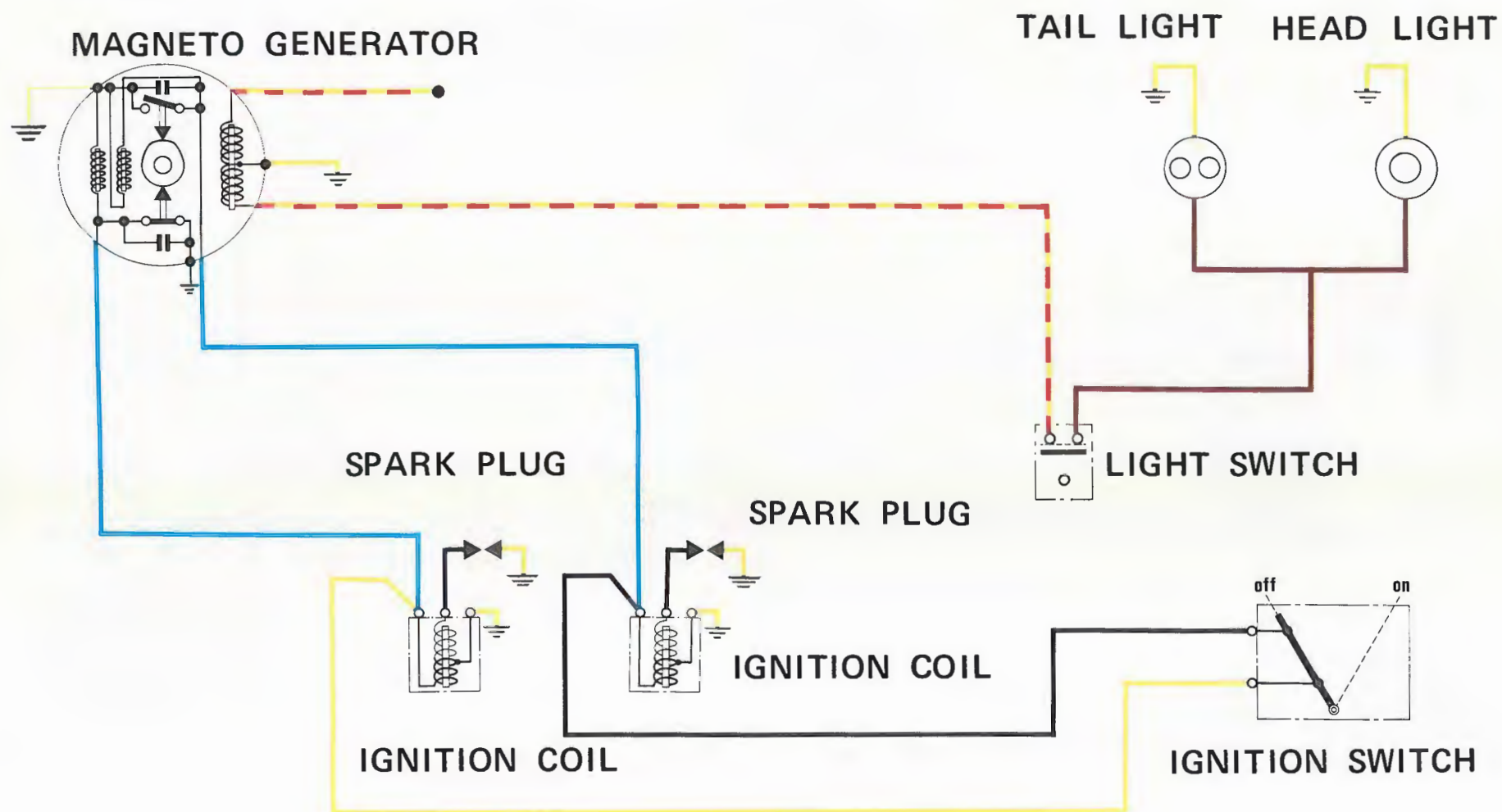
1971 DOUBLE CYLINDER MANUAL START

Applicable on:

			
399	399	399	399



1971 DOUBLE CYLINDER MANUAL START

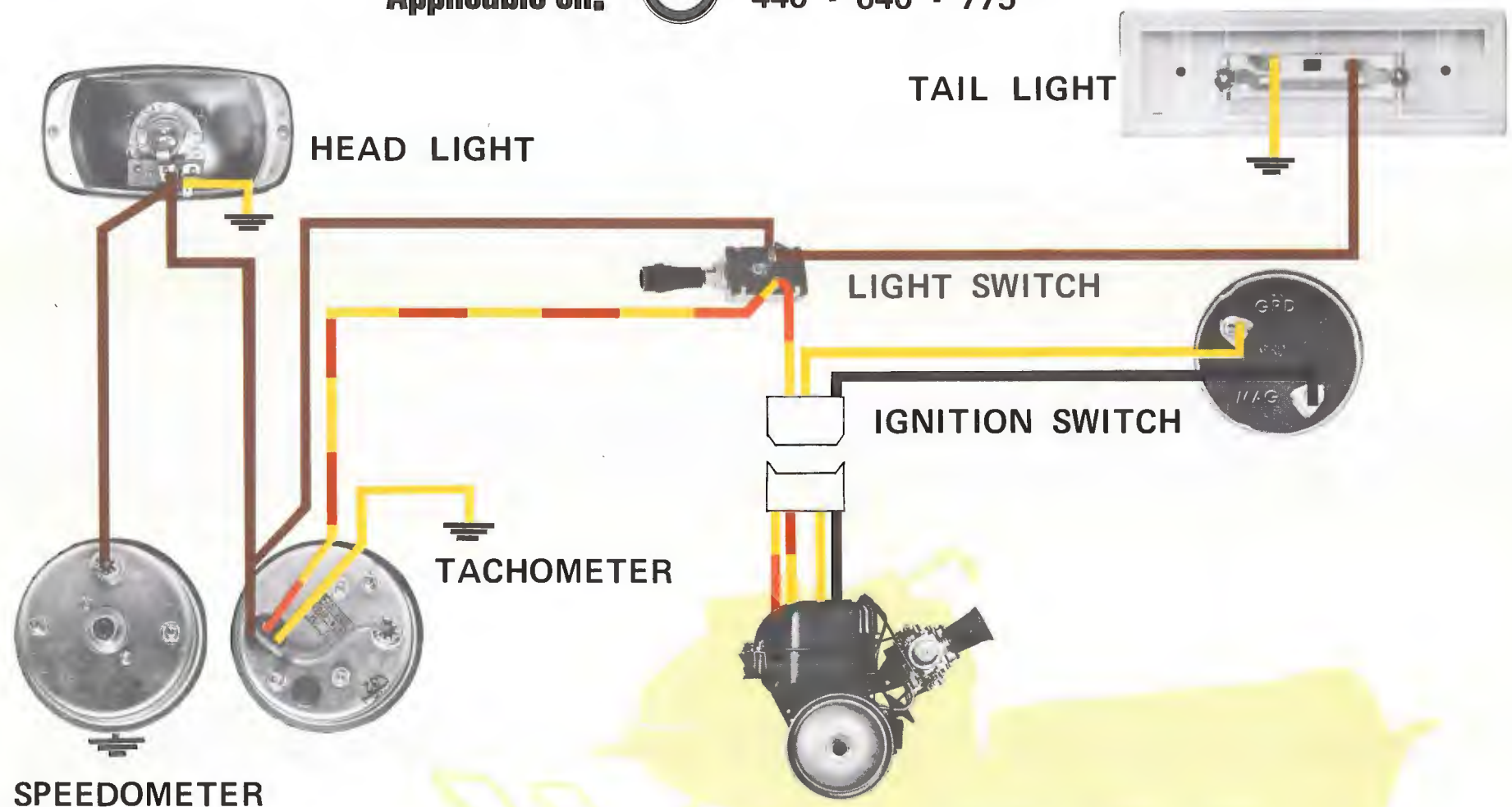


1971 DOUBLE CYLINDER MANUAL START

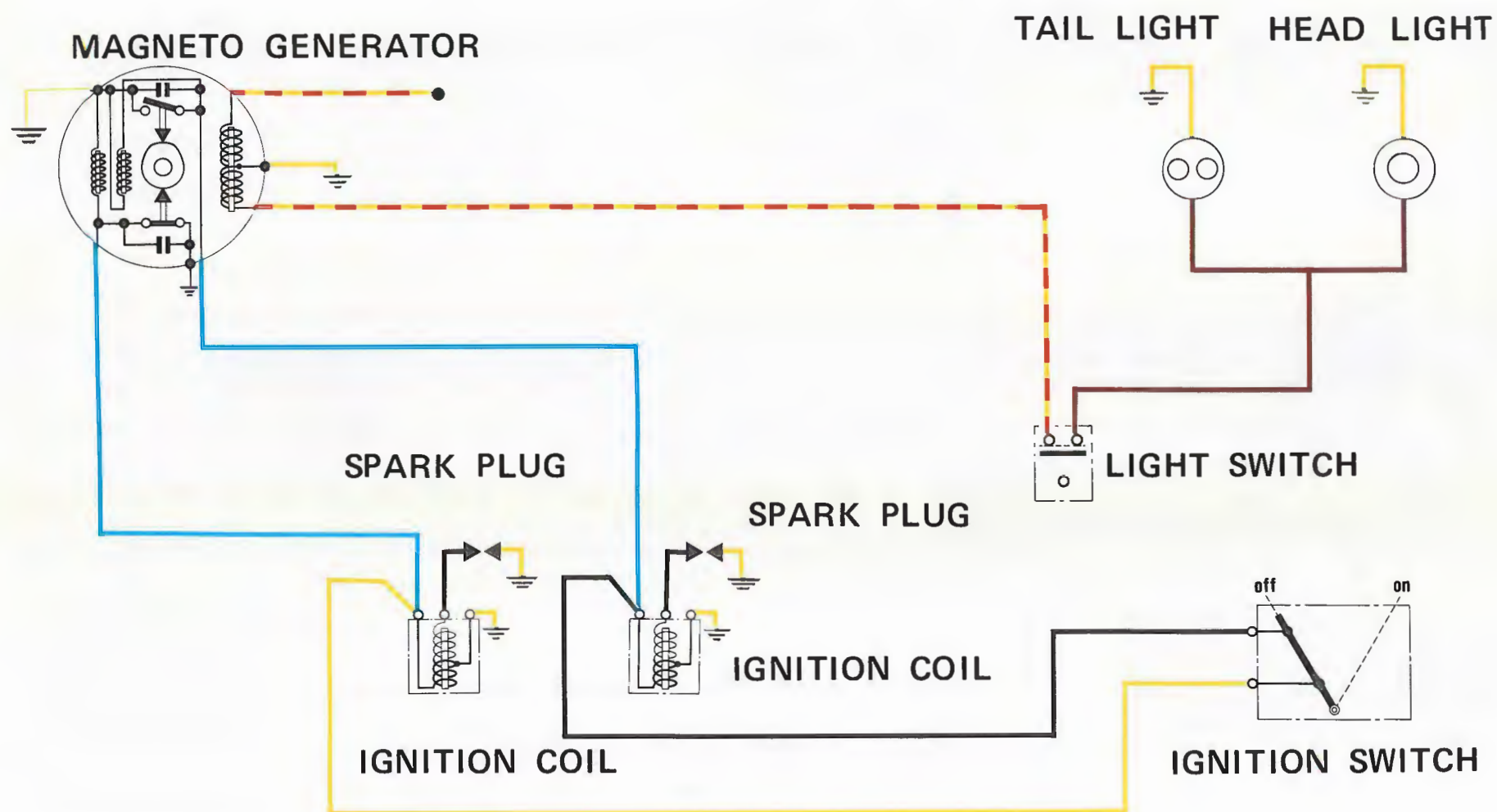
Applicable on:



440 - 640 - 775



1971 DOUBLE CYLINDER MANUAL START



1971 DOUBLE CYLINDER ELECTRICAL START

Applicable on:



399 E - 640 E



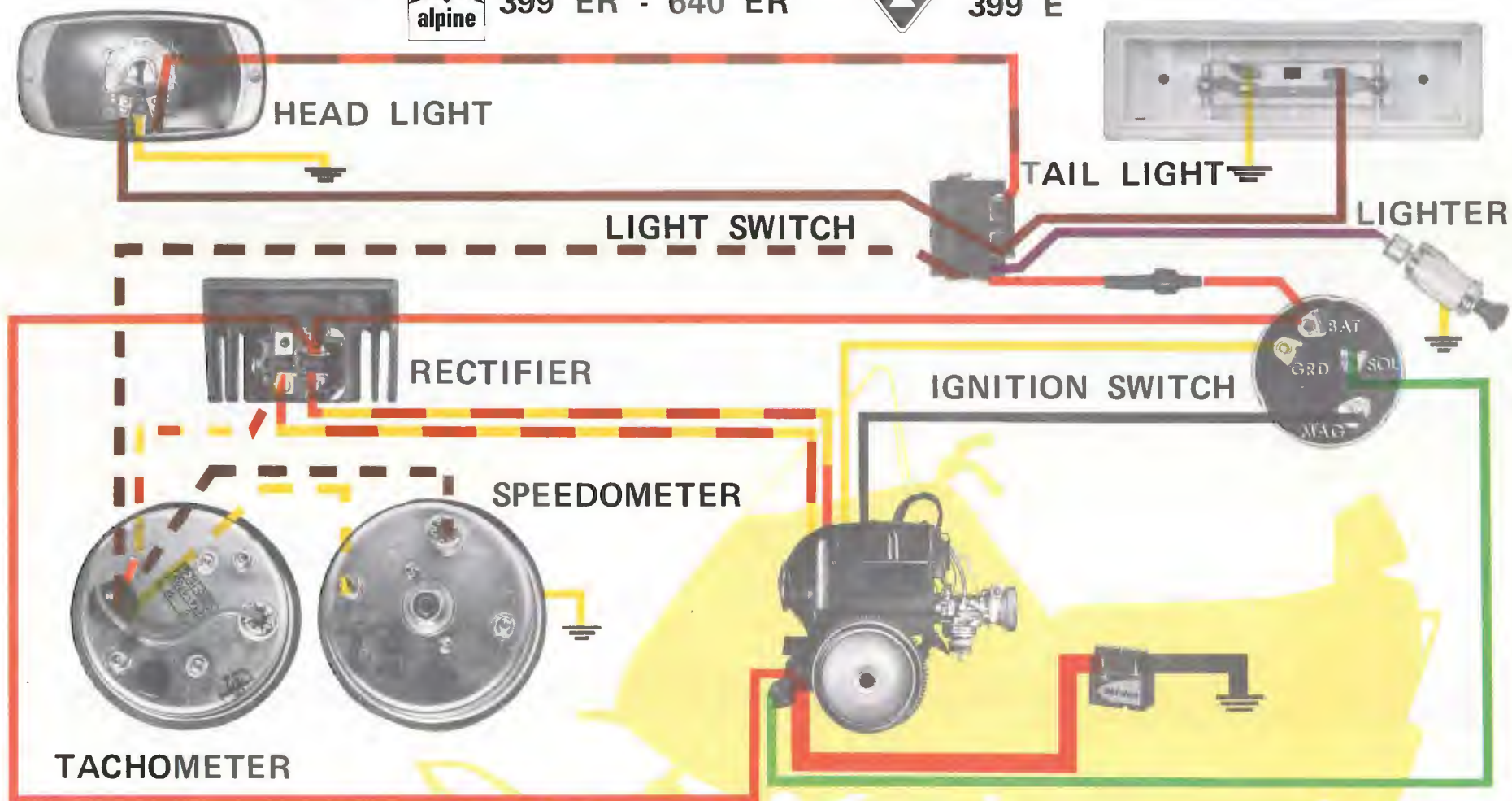
399 ER - 640 ER



399 ER - 640 ER



399 E



1971 DOUBLE CYLINDER ELECTRICAL START

MAGNETO GENERATOR

RECTIFIER

LIGHT SWITCH

SPARK PLUG

IGNITION COIL

IGNITION COIL

off on start

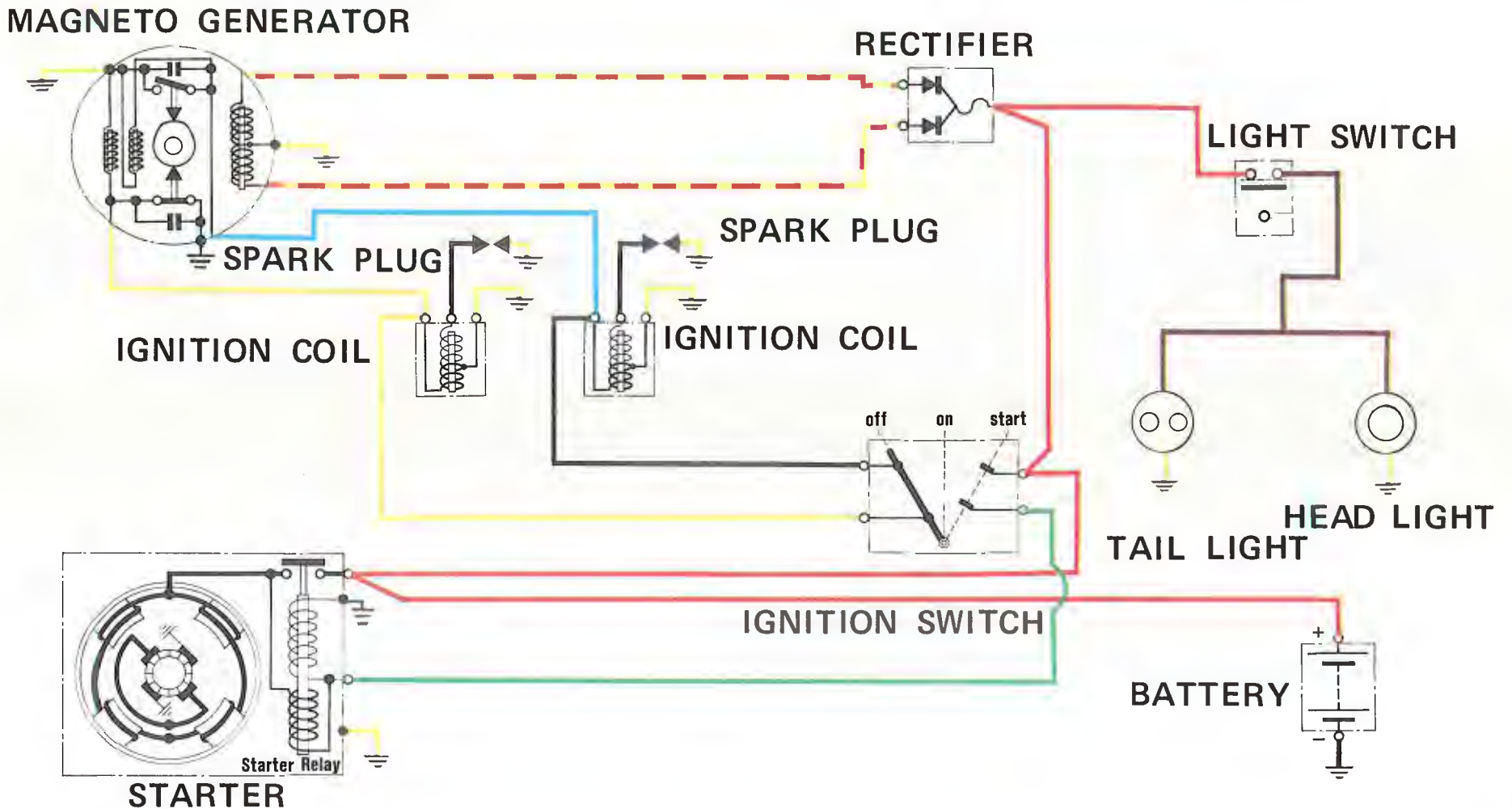
HEAD LIGHT
TAIL LIGHT

IGNITION SWITCH

BATTERY

Starter Relay

STARTER



MAGNETO AND BULB SPECIFICATION CHART

The following chart indicates the voltage and wattage for the headlight and tail light bulbs. Also indicated is the magneto wattage output. It should be noted that the magneto output is 75 watts for all one cylinder engines equipped with electric starter and for all two cylinder engines. All electric models incorporate 35 watt headlight, the surplus wattage being used to maintain the battery charged.

YEAR 1970

ENGINE		HEAD LIGHT		MAGNETO OUTPUT	TAIL LIGHT*
Type	C.C.	Voltage	Watts	Watts	Voltage
290	292	12	35	40	12
340	335	12	35	40	12
300	299	12	35	40	12
335	335	12	35	40	12
335E	335	12	35	75	12
400	399	12	60	75	12
401	399	12	60	75	12
401E	399	12	35	75	12
641	635	12	60	75	12
640	635	12	60	75	12
640E	635	12	35	75	12
775	771	12	60	75	12

YEAR 1971

ENGINE		HEAD LIGHT		MAGNETO OUTPUT	TAIL LIGHT*
Type	C.C.	Voltage	Watts	Watts	Voltage
247	247	12	35	40	12
247E	247	12	35	75	12
292	292	12	35	40	12
342	335	12	35	40	12
302	299	12	35	40	12
337	335	12	35	40	12
337E	335	12	35	75	12
401	399	12	60	75	12
401E	399	12	35	75	12
640	635	12	60	75	12
641	635	12	60	75	12
640E	635	12	35	75	12
440	435	12	60	75	12
775	771	12	60	75	12

*Tail Light Wattage 2 x 2