



ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
LYCOMING ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
AEIO-320-D1B (25°,160HP)	ES4373	ES4370	KA14005	KA12508
AEIO-320-D1B (25°,160HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</small>	ES4347*	ES4370	KA14005	KA12508
AEIO-320-D2B (25°,160HP)	ES4373	ES4370	KA14005	KA12508
AEIO-320-D2B (25°,160HP)* <small>*Tachometer drive magneto</small>	ES4373	ES4353*	KA14005	KA12508
AEIO-320-E1A (25°,150HP)	X	X	X	X
AEIO-320-E1B (25°,150HP)	ES4371	ES4371	KA14001	KA12508
AEIO-320-E2A (25°,150HP)	X	X	X	X
AEIO-320-E2B (25°,150HP)	ES4371	ES4371	KA14001	KA12508
AEIO-360-A1A (20°,200HP)	ES4347	ES4370	KA14004	KA12508
AEIO-360-A1A (25°,200HP)	ES4347	ES4370	KA14004	KA12508
AEIO-360-A1B (20°,200HP)	ES4372	ES4370	KA14001	KA12508
AEIO-360-A1B (25°,200HP)	ES4372	ES4370	KA14001	KA12508
AEIO-360-A1B6 (20°,200HP)	ES4371	ES4370	KA14001	KA12508
AEIO-360-A1B6 (20°,200HP)	ES4371	ES4353	KA14001	KA12508
AEIO-360-A1B6 (20°,200HP)	ES4372	ES4370	KA14001	KA12508
AEIO-360-A1B6 (20°,200HP)	ES4372	ES4353	KA14001	KA12508
AEIO-360-A1B6 (20°,200HP)	ES4373	ES4370	KA14001	KA12508
AEIO-360-A1B6 (20°,200HP)	ES4373	ES4353	KA14001	KA12508
AEIO-360-A1B6 (20°,200HP)	ES4371	ES4370	KA14001	KA12508
AEIO-360-A1B6 (25°,200HP)	ES4371	ES4353	KA14001	KA12508
AEIO-360-A1B6 (25°,200HP)	ES4372	ES4370	KA14001	KA12508
AEIO-360-A1B6 (25°,200HP)	ES4372	ES4353	KA14001	KA12508
AEIO-360-A1B6 (25°,200HP)	ES4373	ES4370	KA14001	KA12508
AEIO-360-A1B6 (25°,200HP)	ES4373	ES4353	KA14001	KA12508
AEIO-360-A1D (20°,200HP)	ES4372	ES4370	KA14004	KA12508
AEIO-360-A1E (20°,200HP)	ES4372	ES4372	KA14004	KA12508
AEIO-360-A1E (25°,200HP)	ES4373	ES4373	KA14004	KA12508
AEIO-360-A1E6 (20°,200HP)	ES4372	ES4370	KA14004	KA12508
AEIO-360-A1E6 (25°,200HP)	ES4372	ES4370	KA14004	KA12508
AEIO-360-A2A (20°,200HP)	X	X	X	X
AEIO-360-A2A (25°,200HP)	X	X	X	X
AEIO-360-A2B (20°,200HP)	X	X	KA14001	KA12508

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Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
LYCOMING ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
AEIO-360-A2B (25°,200HP)	X	X	KA14001	KA12508
AEIO-360-A2C (20°,200HP)	ES4345	ES4370	X	KA12508
AEIO-360-B1B (25°,180HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</small>	ES4347	ES4370	KA14004	KA12508
AEIO-360-B1F (25°,180HP)	ES4373	ES4373	KA14005	KA12508
AEIO-360-B1F (25°,180HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</small>	ES4347	ES4370	KA14005	KA12508
AEIO-360-B1F6 (25°,180HP)	X	X	KA14001	KA12508
AEIO-360-B1G6 (25°,180HP)	ES4371	ES4371	KA14001	KA12508
AEIO-360-B1H (25°,180HP)	ES4373	ES4370	KA14004	X
AEIO-360-B1H (25°,180HP)	ES4373	ES4373	KA14004	X
AEIO-360-B2F (25°,180HP)	ES4373	ES4370	KA14005	KA12508
AEIO-360-B2F (25°,180HP)	ES4373	ES4373	KA14005	KA12508
AEIO-360-B2F6 (25°,180HP)	X	X	X	X
AEIO-360-B2F6 (25°,180HP)	X	X	X	X
AEIO-360-B4A (25°,180HP)	ES4373	ES4370	KA14004	KA12508
AEIO-360-H1A (25°,180HP)	ES4371	ES4371	KA14001	KA12508
AEIO-360-H1B (25°,180HP)	ES4371	ES4371	KA14001	X
AEIO-390-A1A6 (20°,210HP)	ES4345	ES4370	X	X
AEIO-390-A1A6 (20°,210HP)	ES4345	ES4353	X	X
AEIO-390-A3A6 (20°,210HP)	ES4345	ES4370	X	X
AEIO-390-A1B6 (20°,210HP)	ES4345	ES4370	X	X
AEIO-390-A3A6 (20°,210HP)	ES4345	ES4370	X	X
AEIO-390-A3B6 (20°,210HP)	ES4345	ES4370	X	X
AEIO-540-D4A5 (25°,260HP)	ES6393	ES6350	KA16014	X
AEIO-540-D4A5 (25°,260HP)	X	X	X	X
AEIO-540-D4B5 (25°,260HP)	ES6351	ES6350	KA16000	X
AEIO-540-D4B5 (25°,260HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</small>	ES6393	ES6350	KA16000	X
AEIO-540-D4B5 (25°,260HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</small>	ES6393	ES6371	KA16000	X
AEIO-540-D4B5 (25°,260HP)	X	X	KA16001	X

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
LYCOMING ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
AEIO-540-D4C5 (25°,260HP)	X	X	KA16000	X
AEIO-540-D4D5 (25°,260HP)	ES6393	ES6350	KA16014	X
AEIO-540-D4D5 (25°,260HP)	ES6393	ES6393	KA16014	X
AEIO-540-L1B5 (20°,300HP)	ES6351	ES6350	KA16001	X
AEIO-540-L1B5 (20°,300HP)	ES6393	ES6350	KA16001	X
AEIO-540-L1D5 (20°,300HP)	ES6351	ES6350	X	X
AEIO-580-B1A (20°,315HP)	ES6393	ES6350	X	KA16044
AIO-320-A1A (25°,160HP)	X	X	KA14005	KA12508
AIO-320-A1B (25°,160HP)	X	X	KA14005	KA12508
AIO-320-A2A (25°,160HP)	X	X	KA14007	KA12508
AIO-320-A2B (25°,160HP)	X	X	KA14001	KA12508
AIO-320-B1B (25°,160HP)	X	X	KA14005	KA12508
AIO-320-C1B (25°,160HP)	X	X	KA14005	KA12508
AIO-360-A1A (20°,200HP)			KA14001	KA12508
AIO-360-A1A (25°,200HP)	X	X	KA14001	KA12508
AIO-360-A1B (20°,200HP)			KA14001	KA12508
AIO-360-A1B (25°,200HP)	X	X	KA14001	KA12508
AIO-360-A2A (20°,200HP)			X	X
AIO-360-A2A (25°,200HP)	X	X	X	X
AIO-360-A2B (20°,200HP)	X	X	KA14001	KA12508
AIO-360-A2B (25°,200HP)	X	X	KA14001	KA12508
AIO-360-B1B (20°,200HP)	X	X	X	X
AIO-360-B1B (20°,200HP)	X	X	X	X
AIO-360-B1B (25°,200HP)	X	X	X	X
HIO-360-D1A (25°,205HP)	ES4345	ES4345	KA14007	KA12508
HIO-360-G1A (25°,205HP)	ES4347	ES4370	KA14007	X
HO-360-C1A (25°,180HP)	ES4347	ES4370	KA14007	KA12508
HIO-390-A1A (20°,210HP)	ES4345	ES4370	X	X
IO-320-A1A (25°,150HP)	X	X	KA14000	KA12508
IO-320-A2A (25°,150HP)	X	X	KA14000	KA12508
IO-320-B1A (25°,160HP)	ES4373	ES4373	KA14000	KA12508
IO-320-B1B (25°,160HP)	X	X	X	KA12508
IO-320-B1C (25°,160HP)	ES4373	ES4342	KA14004	KA12508
IO-320-B1D (25°,160HP)	X	X	KA14007	KA12508
IO-320-B2A (25°,160HP)	X	X	KA14004	KA12508
IO-320-C1A (25°,160HP)	ES4373	ES4373	KA14000	KA12508
IO-320-C1A (25°,160HP)*	ES4373	ES4354	KA14000	KA12508
IO-320-D1A (25°,160HP)	ES4371	ES4370	KA14005	KA12508
IO-320-D1A (25°,160HP)	ES4373	ES4370	KA14005	KA12508
IO-320-D1B (25°,160HP)	ES4373	ES4370	KA14005	KA12508

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
LYCOMING ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
IO-320-E1A (25°,150HP)	ES4373	ES4370	KA14004	KA12508
IO-320-E1B (25°,150HP)	ES4371	ES4370	KA14001	KA12508
IO-320-E2A (25°,150HP)	ES4373	ES4373	KA14004	KA12508
IO-320-E2A (25°,150HP)	ES4373	ES4370	KA14004	KA12508
IO-320-E2B (25°,150HP)	ES4371	ES4370	KA14001	KA12508
IO-320-F1A (25°,160HP)	X	X	KA14000	KA12508
IO-360-A1A (20°,200HP)	ES4345	ES4370	KA14004	KA12508
IO-360-A1A (25°,200HP)	ES4345	ES4370	KA14004	KA12508
IO-360-A1B (20°,200HP)	ES4372	ES4370	KA14004	KA12508
IO-360-A1B (20°,200HP)	ES4372	ES4370	KA14006* Long leads: 10"-20" extra length over standard KA14007 harness length	KA12508
IO-360-A1B (20°,200HP)	ES4372	ES4370	KA14007	KA12508
IO-360-A1B (25°,200HP)	ES4372	ES4370	KA14006* Long leads: 10"-20" extra length over standard KA14007 harness length	KA12508
IO-360-A1B (25°,200HP)	ES4372	ES4370	KA14007	KA12508
IO-360-A1B6 (20°,200HP)	ES4372	ES4370	KA14006* Long leads: 10"-20" extra length over standard KA14007 harness length	KA12508
IO-360-A1B6 (20°,200HP)	ES4372	ES4370	KA14007	KA12508
IO-360-A1B6 (25°,200HP)	ES4372	ES4370	KA14006* Long leads: 10"-20" extra length over standard KA14007 harness length	KA12508
IO-360-A1B6 (25°,200HP)	ES4372	ES4370	KA14007	KA12508
IO-360-A1C (20°,200HP)	X	X	KA14002	KA12508
IO-360-A1C (25°,200HP)	X	X	KA14002	KA12508
IO-360-A1C (20°,200HP)	X	X	X	KA12508
IO-360-A1C (25°,200HP)	X	X	X	KA12508
IO-360-A1D (20°,200HP)	ES4372	ES4370	KA14004	KA12508
IO-360-A1D (25°,200HP)	ES4372	ES4370	KA14004	KA12508
IO-360-A1D (20°,200HP)	ES4372	ES4370	KA14006* Long leads: 10"-20" extra length over standard KA14004 harness length	KA12508
IO-360-A1D (25°,200HP)	ES4372	ES4370	KA14006* Long leads: 10"-20" extra length over standard KA14004 harness length	KA12508
IO-360-A1D6 (20°,200HP)	ES4373	ES4370	X	KA12508

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
LYCOMING ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
IO-360-A1D6 (25°,200HP)	ES4373	ES4370	X	KA12508
IO-360-A2A (20°,200HP)	ES4345	ES4370	KA14004	KA12508
IO-360-A2A (25°,200HP)	ES4345	ES4370	KA14004	KA12508
IO-360-A2B (20°,200HP)	ES4372	ES4370	KA14002* Long leads: " extra length over standard KA14007 harness length	KA12508
IO-360-A2B (20°,200HP)	ES4372	ES4370	KA14002* Long leads: 6" extra length over standard KA14007 harness length	KA12508
IO-360-A2B (20°,200HP)	ES4372	ES4370	KA14006* Long leads: 10"-20" extra length over standard KA14007 harness length	KA12508
IO-360-A2B (20°,200HP)	ES4372	ES4370	KA14007	KA12508
IO-360-A2B (25°,200HP)	ES4372	ES4370	KA14006* Long leads: 10"-20" extra length over standard KA14007 harness length	KA12508
IO-360-A2B (25°,200HP)	ES4372	ES4370	KA14007	KA12508
IO-360-A2C (20°,200HP)	X	X	KA14002	KA12508
IO-360-A2C (25°,200HP)	X	X	KA14002	KA12508
IO-360-A2C (20°,200HP)	X	X	X	X
IO-360-A2C (25°,200HP)	X	X	X	X
IO-360-A2D (25°,200HP)	ES4345	ES4370	X	KA12508
IO-360-A3B6 (20°,200HP)	ES4372	ES4370	X	KA12508
IO-360-A3B6 (25°,200HP)	ES4372	ES4370	X	KA12508
IO-360-B1B (25°,180HP)	ES4347	ES4370	KA14004	KA12508
IO-360-B1E (25°,180HP)	ES4373	ES4370	KA14006	KA12508
IO-360-B1E (25°,180HP)	ES4373	ES4373	KA14006	KA12508
IO-360-B1F (25°,180HP)	ES4373	ES4370	KA14005	KA12508
IO-360-B1F (25°,180HP)	ES4373	ES4373	KA14005	KA12508
IO-360-B1F6 (25°,180HP)	ES4373	ES4370	KA14001	KA12508
IO-360-B1F6 (25°,180HP)	ES4373	ES4373	KA14001	KA12508
IO-360-B1G6 (25°,180HP)	ES4373	ES4370	KA14005	KA12508
IO-360-B1G6 (25°,180HP)	ES4373	ES4373	KA14005	KA12508
IO-360-B2E* (25°,180HP) <small>*Narrow Deck Cylinders</small>	ES4373	ES4370	KA14002	KA12508
IO-360-B2E* (25°,180HP) <small>*Narrow Deck Cylinders</small>	ES4373	ES4370	KA14006	KA12508

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
LYCOMING ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
IO-360-B2E* (25°,180HP) <small>*Wide Deck Cylinders</small>	ES4373	ES4370	KA14005	KA12508
IO-360-B2F (25°,180HP)	ES4373	ES4373	KA14005	KA12508
IO-360-B2F6 (25°,180HP)	ES4373	ES4373	KA14005	KA12508
IO-360-B4A (25°,180HP)	ES4371	ES4370	KA14006	KA12508
IO-360-B4A (25°,180HP)	ES4373	ES4373	KA14006	KA12508
IO-360-B4A (25°,180HP)	ES4347	ES4370	KA14004	KA12508
IO-360-C1A (20°,200HP)	ES4345	ES4370	KA14004	KA12508
IO-360-C1A (25°,200HP)	ES4345	ES4370	KA14004	KA12508
IO-360-C1A (25°,200HP)	ES4371	ES4370	KA14004	KA12508
IO-360-C1B (20°,200HP)	ES4345	ES4370	KA14002	KA12508
IO-360-C1B (25°,200HP)	ES4345	ES4370	KA14002	KA12508
IO-360-C1B (20°,200HP)	ES4345	ES4370	X	KA12508
IO-360-C1B (25°,200HP)	ES4345	ES4370	X	KA12508
IO-360-C1C (20°,200HP)	ES4371	ES4370	KA14002	KA12508
IO-360-C1C (20°,200HP)	ES4372	ES4370	KA14002	KA12508
IO-360-C1C (20°,200HP)	ES4371	ES4371	KA14002	KA12508
IO-360-C1C (25°,200HP)	ES4371	ES4371	KA14002	KA12508
IO-360-C1C (20°,200HP)	ES4372	ES4370	KA14027* Long leads: TOP SPARK LEADS ONLY are 10"-20" extra length over standard KA14002 harness length	KA12508
IO-360-C1C (25°,200HP)	ES4372	ES4370	KA14027* Long leads: TOP SPARK PLUG LEADS ONLY are 10"-20" extra length over standard KA14002 harness length	KA12508
IO-360-C1C (25°,200HP)	ES4371	ES4371	KA14027* Long leads: TOP SPARK PLUG LEADS ONLY are 10"-20" extra length over standard KA14002 harness length	KA12508
IO-360-C1C6 (20°,200HP)	ES4372	ES4370	KA14027	KA12508
IO-360-C1C6 (20°,200HP)	ES4372	ES4372	KA14027	KA12508
IO-360-C1C6 (25°,200HP)	ES4372	ES4370	KA14027	KA12508
IO-360-C1C6 (25°,200HP)	ES4372	ES4372	KA14027	KA12508
IO-360-C1D6 (20°,200HP)	ES4372	ES4370	X	KA12508
IO-360-C1D6 (25°,200HP)	ES4372	ES4370	X	KA12508
IO-360-C1E6 (20°,200HP)	ES4372	ES4370	KA14027	KA12508
IO-360-C1E6 (25°,200HP)	ES4372	ES4370	KA14027	KA12508
IO-360-C1F (20°,200HP)	ES4372	ES4370	KA14007	KA12508
IO-360-C1F (25°,200HP)	ES4372	ES4370	KA14007	KA12508
IO-360-C1G6 (20°,200HP)	ES4372	ES4370	KA14027	KA12508

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Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
LYCOMING ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
IO-360-C1G6 (25°,200HP)	ES4372	ES4370	KA14027	KA12508
IO-360-D1A (20°,200HP)	ES4345	ES4370	KA14002	KA12508
IO-360-D1A (25°,200HP)	ES4345	ES4370	KA14002	KA12508
IO-360-D1A (20°,200HP)	ES4345	ES4370	KA14007	KA12508
IO-360-D1A (25°,200HP)	ES4345	ES4370	KA14007	KA12508
IO-360-E1A (25°,180HP)	ES4347	ES4370	X	KA12508
IO-360-F1A (25°,180HP)	ES4373	ES4370	KA14006	KA12508
IO-360-K2A (20°,200HP)	X	X	X	X
IO-360-K2A (25°,200HP)	X	X	X	X
IO-360-L2A (25°,160HP)	ES4371	ES4371	KA14002	X
IO-360-L2A (25°,180HP)	ES4371	ES4371	KA14002	X
IO-360-L2A (25°,160HP)	ES4371	ES4371	KA14005	X
IO-360-L2A (25°,180HP)	ES4371	ES4371	KA14005	X
IO-360-M1A (25°,180HP)	ES4347	ES4370	X	X
IO-360-M1B (25°,180HP)	ES4371	ES4370	KA14006	X
IO-360-M1B (25°,180HP)	ES4373	ES4370	KA14006	X
IO-360-N1A (25°,180HP)	ES4347	ES4370	X	X
IO-360-P1A (25°,180HP)	ES4371	ES4371	KA14001	X
IO-360-P1A (25°,180HP)	ES4373	ES4373	KA14001	X
IO-390-A1A6 (20°,210HP)	ES4345	ES4370	X	X
IO-390-A1B6 (20°,210HP)	ES4345	ES4370	X	X
IO-390-A3A6 (20°,210HP)	ES4345	ES4370	X	X
IO-390-A3B6 (20°,210HP)	ES4345	ES4370	X	X
IO-390-C1A6 (20°,215HP)	ES4345	ES4370	X	X
IO-390-C1B6 (20°,215HP)	ES4345	ES4370	X	X
IO-390-C3A6 (20°,215HP)	ES4345	ES4370	X	X
IO-390-C3B6 (20°,215HP)	ES4345	ES4370	X	X
IO-390-D1A6 (20°,215HP)	ES4345	ES4370	X	X
IO-390-D1B6 (20°,215HP)	ES4345	ES4370	X	X
IO-390-D3A6(20°,215HP)	ES4345	ES4370	X	X
IO-390-D3B6 (20°,215HP)	ES4345	ES4370	X	X
IO-540-A1A5 (20°,290HP)	X	X	X	X
IO-540-AA1A5 (20°,270HP)	ES6393	ES6350	KA16014	KA16018
IO-540-A1B5 (20°,270HP)	ES6351	ES6351	KA16002	KA12896
IO-540-AA1B5 (20°,270HP)* <small>*Install on engines configured for non-pressurized magnetos only</small>	ES6361	ES6361	KA16014	KA16018
IO-540-AB1A5 (23°,230HP)	ES6351	ES6351	KA16014	KA16018
IO-540-AC1A5 (20°,300HP)	ES6351	ES6350	KA16000	KA16018
IO-540-AC1A5 (20°,300HP)	ES6351	ES6351	KA16000	KA16018

ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
LYCOMING ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
IO-540-AC1A5 (20°,300HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic ignition booster</small>	ES6393	ES6350	KA16000	KA16018
IO-540-AF1A5 (20°,300HP)	ES6351	ES6350	X	X
IO-540-AF1A5 (20°,300HP)	ES6351	ES6351	X	X
IO-540-AG1A5 (20°,300HP)	ES6363	ES6360	X	X
IO-540-B1A5 (20°,290HP)	X	X	X	X
IO-540-C1B5 (25°,250HP)	X	X	KA16002	KA12896
IO-540-C1B5 (25°,250HP)	X	X	KA16014	X
IO-540-C1C5 (25°,250HP)	X	X	KA16002	KA12896
IO-540-C2C (25°,250HP)	X	X	KA16002	KA12896
IO-540-C4B5 (25°,250HP)	ES6393	ES6350	KA16002	KA12896
IO-540-C4B5 (25°,250HP)	ES6393	ES6350	KA16014	X
IO-540-C4C5 (25°,250HP)	X	X	KA16014	X
IO-540-C4D5 (25°,250HP)	ES6351	ES6350	KA16014	X
IO-540-C4D5 (25°,250HP)	ES6351	ES6351	KA16014	X
IO-540-D4A5 (25°,260HP)	ES6393	ES6350	KA16014	X
IO-540-D4B5 (25°,260HP)	ES6351	ES6350	KA16000	KA12896
IO-540-D4B5 (25°,260HP)	ES6351	ES6351	KA16000	X
IO-540-D4C5 (25°,260HP)	X	X	KA16000	X
IO-540-E1A5 (20°,290HP)	ES6393	ES6350	KA16014	X
IO-540-E1A5 (20°,290HP)	ES6393	ES6350	X	KA12896
IO-540-E1B5 (20°,290HP)	ES6393	ES6350	X	KA12896
IO-540-E1C5 (20°,290HP)	X	X	X	KA12896
IO-540-G1A5 (20°,290HP)	X	X	KA16000	KA12896
IO-540-G1A5 (20°,290HP)	X	X	X	KA12896
IO-540-G1B5 (20°,290HP)	X	X	X	KA12896
IO-540-G1C5 (20°,290HP)	X	X	KA16000	X
IO-540-G1D5 (20°,290HP)	ES6351	ES6371	KA16000	X
IO-540-G1E5 (20°,290HP)	X	X	KA16000	X
IO-540-G1E5 (20°,290HP)	X	X	KA16000	X
IO-540-G1F5 (20°,290HP)	X	X	KA16000	X
IO-540-J4A5 (25°,250HP)	X	X	X	X
IO-540-K1A5 (20°,300HP)	ES6351	ES6350	KA16000	X
IO-540-K1A5 (20°,300HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic ignition booster</small>	ES6393	ES6350	KA16000	X
IO-540-K1A5 (20°,300HP)	ES6351	ES6350	KA16001	X

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
LYCOMING ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
IO-540-K1A5 (20°,300HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</small>	ES6393*	ES6350	KA16001	X
IO-540-K1B5 (20°,300HP)	ES6351	ES6371	KA16000	X
IO-540-K1B5 (20°,300HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</small>	ES6393*	ES6371	KA16000	X
IO-540-K1B5 (20°,300HP)	ES6351	ES6371	X	KA16018
IO-540-K1B5 (20°,300HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</small>	ES6393*	ES6371	X	KA16018
IO-540-K1C5 (20°,300HP)	X	X	KA16000	X
IO-540-K1D5 (20°,300HP)	ES6393	ES6350	X	KA12896
IO-540-K1E5 (20°,300HP)	ES6351	ES6351	KA16000	X
IO-540-K1E5 (20°,300HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</small>	ES6393	ES6393	KA16000	X
IO-540-K1F5 (20°,300HP)	ES6393	ES6350	X	KA16018
IO-540-K1G5 (20°,300HP)	ES6351	ES6350	KA16001	X
IO-540-K1G5 (20°,300HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</small>	ES6393	ES6350	KA16001	X
IO-540-K1H5 (20°,300HP)	ES6351	ES6350	KA16001	X
IO-540-K1H5 (20°,300HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</small>	ES6393	ES6350	KA16001	X
IO-540-K1J5 (20°,300HP)	ES6393	ES6350	X	KA16018
IO-540-K1K5 (20°,300HP)	ES6351	ES6350	KA16001	X
IO-540-K1K5 (20°,300HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</small>	ES6393	ES6350	KA16001	X
IO-540-L1A5 (20°,300HP)	X	X	KA16000	X
IO-540-L1A5 (20°,300HP)	X	X	KA16001	X
IO-540-L1C5 (20°,300HP)	ES6351	ES6350	KA16001	X

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
LYCOMING ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
IO-540-L1C5 (20°,300HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</small>	ES6393	ES6350	KA16001	X
IO-540-M1A5 (20°,300HP)	ES6351	ES6350	X	X
IO-540-M1A5 (20°,300HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</small>	ES6393	ES6350	X	X
IO-540-M1C5 (20°,300HP)	ES6351	ES6350	X	X
IO-540-M1C5 (20°,300HP)	ES6351	ES6351	X	X
IO-540-M1C5 (20°,300HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</small>	ES6393	ES6350	X	X
IO-540-N1A5 (25°,260HP)	ES6393	ES6350	KA16002	X
IO-540-N1A5 (25°,260HP)	ES6393	ES6350	X	X
IO-540-P1A5 (20°,290HP)	ES6393	ES6350	KA16002	KA16018
IO-540-R1A5 (25°,260HP)	ES6393	ES6350	KA16002	KA16018
IO-540-S1A5 (20°,300HP)	X	X	X	KA16018
IO-540-T4B5 (25°,260HP)	ES6351	ES6350	KA16000	X
IO-540-V4A5 (23°,235HP)	ES6351	ES6350	KA16002	X
IO-540-W1A5 (23°,235HP)	ES6351	ES6350	KA16002	KA12896
IO-580-B1A (20°,315HP)	ES6393	ES6350		KA16044
LIO-320-B1A (25°,160HP)	ES4330	ES4330	KA14000	KA12508
LIO-320-C1A (25°,160HP)	ES4330	ES4330	KA14000	KA12508
LIO-360-B1G6 (20°,200HP)	ES4330	ES4330	KA14005	KA12508
LIO-360-B1G6 (25°,200HP)	ES4330	ES4330	KA14005	KA12508
LIO-360-C1E6 (20°,200HP)	ES4374	ES4302	KA14027	X
LIO-360-C1E6 (25°,200HP)	ES4374	ES4302	KA14027	X
LIO-360-M1A (20°,200HP)	ES4348	ES4302	KA14004	X
LIO-360-M1A (25°,200HP)	ES4348	ES4302	KA14004	X
LO-360-A1H6 (20°,200HP)	ES4330	ES4302	KA14005	X
LO-360-A1H6 (25°,200HP)	ES4330	ES4302	KA14005	X
LTIO-540-J2B (20°,350HP)	ES6394	ES6340	X	KA16044
LTIO-540-J2B (20°,350HP)	ES6394	ES6340	X	X
O-235-C1 (25°,115HP)	ES4373	ES4370	KA14004	KA12508
O-235-C1B (25°,115HP)	ES4347	ES4370	KA14004	KA12508
O-235-C1C (25°,115HP)	X	X	X	X
O-235-C2A (25°,115HP)	ES4373	ES4370	KA14004	KA12508

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
LYCOMING ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
O-235-C2B (25°,115HP)	X	X	KA14005	KA12508
O-235-C2C (25°,115HP)	ES4371	ES4370	KA14001	KA12508
O-235-E1 (25°,115HP)	X	X	KA14001	KA12508
O-235-E2A (25°,115HP)	ES4373	ES4370	KA14004	KA12508
O-235-E2B (25°,115HP)	X	X	KA14001	KA12508
O-235-F1 (25°,125HP)	X	X	KA14001	KA12508
O-235-F1B (25°,125HP)	X	X	KA14004	KA12508
O-235-F2A (25°,125HP)	ES4373	ES4370	KA14004	KA12508
O-235-F2A (25°,125HP)	ES4381	ES4381	KA14004	KA12508
O-235-F2B (25°,125HP)	ES4373	ES4370	KA14005	KA12508
O-235-G1 (25°,125HP)	ES4373	ES4370	KA14004	KA12508
O-235-G2A (25°,125HP)	ES4373	ES4370	KA14004	KA12508
O-235-G2B (25°,125HP)	X	X	KA14001	KA12508
O-235-H2C (25°,115HP)	ES4371	ES4370	KA14001	KA12508
O-235-J2A (25°,125HP)	ES4373	ES4370	KA14004	KA12508
O-235-J2B (25°,125HP)	X	X	KA14001	KA12508
O-235-K2A (20°,118HP)	X	X	KA14004	KA12508
O-235-K2B (20°,118HP)	ES4372	ES4370	KA14005	KA12508
O-235-K2C (20°,118HP)	ES4372	ES4370	KA14001	KA12508
O-235-K2C (20°,118HP)	ES4372	ES4372	KA14001	KA12508
O-235-L2A (20°,118HP)	ES4372	ES4370	KA14004	KA12508
O-235-L2C (20°,118HP)* *149 Tooth Starter Ring Gear *Refer to Lycoming S.I. 1443 and PC-302 for specific magneto application data	ES4381	ES4370	KA14001	KA12508
O-235-L2C (20°,118HP)* *149 Tooth Starter Ring Gear *Refer to Lycoming S.I. 1443 and PC-302 for specific magneto application data	ES4381	ES4381	KA14001	KA12508
O-235-L2C (20°,118HP)* *122 Tooth Starter Ring Gear *Refer to Lycoming S.I. 1443 and PC-302 for specific magneto application data	ES4372	ES4370	KA14001	KA12508
O-235-M1 (20°,118HP)	X	X	KA14004	KA12508
O-235-M2C (20°,118HP)	X	X	KA14001	KA12508
O-235-N2A (20°,116HP)	ES4372	ES4370	KA14004	KA12508
O-235-N2C (20°,116HP)* *Preferred Magneto Application	ES4381	ES4381	KA14001	KA12508
O-235-N2C (20°,116HP)	ES4371	ES4371	KA14001	KA12508
O-235-P1 (20°,116HP)	X	X	KA14004	KA12508
O-235-P2A (20°,116HP)	X	X	KA14004	KA12508

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
LYCOMING ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
O-290-D (20°,125HP)	ES4373	ES4370	KA14004	KA12508
O-290-D2 (18°,135HP)	ES4373	ES4370	KA14004	X
O-290-D2B (18°,135HP)	ES4373	ES4370	KA14004	X
O-290-D2C (18°,135HP)	ES4373	ES4370	KA14004	X
O-320-A1A (25°,150HP)	X	X	X	X
O-320-A1B (25°,150HP)	X	X	X	X
O-320-A2A (25°,150HP)	ES4373	ES4370	KA14004	KA12508
O-320-A2B (25°,150HP)	ES4373	ES4370	KA14004	KA12508
O-320-A2C (25°,150HP)	ES4347	ES4370	KA14004	KA12508
O-320-A2D (25°,150HP)	ES4371	ES4370	KA14001	KA12508
O-320-A3A (25°,150HP)	ES4373	ES4370	KA14004	KA12508
O-320-A3B (25°,150HP)	ES4373	ES4370	KA14004	KA12508
O-320-A3C (25°,150HP)	X	X	X	X
O-320-B1A (25°,160HP)	ES4373	ES4370	KA14004	KA12508
O-320-B1B (25°,160HP)	X	X	X	X
O-320-B2A (25°,160HP)	ES4373	ES4373	KA14004	KA12508
O-320-B2A (25°,160HP)	ES4373	ES4370	KA14004	KA12508
O-320-B2B (25°,160HP)	ES4373	ES4370	KA14004	KA12508
O-320-B2B (25°,160HP)	ES4373	ES4373	KA14004	KA12508
O-320-B2B (25°,160HP)	ES4371	ES4371	KA14004	KA12508
O-320-B2C (25°,160HP)	ES4347	ES4342	KA14004	KA12508
O-320-B2D (25°,160HP)	ES4373	ES4370	KA14004	KA12508
O-320-B2E (25°,160HP)	ES4373	ES4370	KA14004	KA12508
O-320-B3A (25°,160HP)	X	X	X	X
O-320-B3B (25°,160HP)	ES4373	ES4370	KA14004	KA12508
O-320-B3C (25°,160HP)	X	X	KA14004	X
O-320-C1A (25°,150HP)	X	X	X	X
O-320-C1B (25°,150HP)	X	X	X	X
O-320-C2A (25°,150HP)	X	X	X	X
O-320-C2B (25°,150HP)	X	X	X	X
O-320-C2C (25°,150HP)	X	X	X	X
O-320-C3A (25°,150HP)	X	X	X	X
O-320-C3B (25°,150HP)	X	X	X	X
O-320-C3C (25°,150HP)	X	X	X	X
O-320-D1A (25°,150HP)	ES4371	ES4370	KA14004	KA12508
O-320-D1A (25°,150HP)	ES4373	ES4370	KA14004	KA12508
O-320-D1A (25°,150HP)* <small>*Tachometer Drive</small>	ES4373	ES4342*	KA14004	KA12508
O-320-D1C (25°,150HP)	X	X	KA14005	KA12508
O-320-D1C (25°,160HP)	X	X	KA14005	KA12508
O-320-D1D (25°,150HP)	ES4371	ES4370	KA14001	KA12508

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
LYCOMING ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
O-320-D1D (25°,160HP)	ES4371	ES4370	KA14001	KA12508
O-320-D1F (25°,150HP)	ES4373	ES4370	KA14005	KA12508
O-320-D1F (25°,160HP)	ES4373	ES4370	KA14005	KA12508
O-320-D2A (25°,150HP)	ES4373	ES4370	KA14005	KA12508
O-320-D2A (25°,160HP)	ES4373	ES4370	KA14005	KA12508
O-320-D2B (25°,150HP)	ES4347	ES4370	KA14004	KA12508
O-320-D2B (25°,160HP)	ES4347	ES4370	KA14004	KA12508
O-320-D2C (25°,150HP)	X	X	KA14005	KA12508
O-320-D2C (25°,160HP)	X	X	KA14005	KA12508
O-320-D2F (25°,150HP)	X	X	KA14005	KA12508
O-320-D2F (25°,160HP)	X	X	KA14005	KA12508
O-320-D2G (25°,150HP)	ES4371	ES4370	KA14001	KA12508
O-320-D2G (25°,160HP)	ES4371	ES4370	KA14001	KA12508
O-320-D2H (25°,150HP)	X	X	KA14001	KA12508
O-320-D2H (25°,160HP)	X	X	KA14001	KA12508
O-320-D2J (25°,150HP)	ES4371	ES4371	KA14002	KA12508
O-320-D2J (25°,160HP)	ES4371	ES4371	KA14002	KA12508
O-320-D3G (25°,150HP)	ES4371	ES4370	KA14001	KA12508
O-320-D3G (25°,150HP)	ES4371	ES4371	KA14001	KA12508
O-320-D3G (25°,160HP)	ES4371	ES4371	KA14001	KA12508
O-320-E1A (25°,150HP)	ES4373	ES4370	KA14004	KA12508
O-320-E1B (25°,150HP)	X	X	X	X
O-320-E1C (25°,150HP)	ES4373	ES4370	KA14005	KA12508
O-320-E1F (25°,150HP)	ES4371	ES4370	KA14005	KA12508
O-320-E1F (25°,150HP)	ES4373	ES4370	KA14005	KA12508
O-320-E1J (25°,150HP)	X	X	KA14001	KA12508
O-320-E2A (25°,140HP)	ES4373	ES4370	KA14004	KA12508
O-320-E2A (25°,150HP)	ES4373	ES4370	KA14004	KA12508
O-320-E2B (25°,150HP)	X	X	KA14004	KA12508
O-320-E2C (25°,140HP)	ES4373	ES4370	KA14007	KA12508
O-320-E2C (25°,150HP)	ES4373	ES4370	KA14007	KA12508
O-320-E2D (25°,150HP)	ES4371	ES4370	KA14001	KA12508
O-320-E2D (25°,150HP)	ES4371	ES4371	KA14001	KA12508
O-320-E2F (25°,150HP)	ES4373	ES4370	KA14005	KA12508
O-320-E2G (25°,150HP)	ES4371	ES4370	KA14001	KA12508
O-320-E2H (25°,150HP)	ES4373	ES4370	X	X
O-320-E2H (25°,150HP)	ES4373	ES4373	X	X
O-320-E3D (25°,150HP)	ES4371	ES4370	KA14001	KA12508
O-320-E3H (25°,150HP)	X	X	KA14005	X

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
LYCOMING ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
O-320-E3H (25°,150HP)	X	X	KA14005	X
O-360-A1A* (25°,180HP) <small>*Narrow Deck Cylinders</small>	ES4373	ES4370	KA14006	KA12508
O-360-A1A*(25°,180HP) <small>*Wide Deck Cylinders</small>	ES4373	ES4370	KA14004	KA12508
O-360-A1D* (25°,180HP) <small>*Retard Breaker Magnetos</small>	ES4347	ES4370	KA14004	KA12508
O-360-A1D* (25°,180HP) <small>*Impulse Coupled Magnetos</small>	ES4373	ES4370	KA14004	KA12508
O-360-A1F (25°,180HP)	X	X	KA14005	KA12508
O-360-A1F6 (25°,180HP)	ES4373	ES4370	KA14005	KA12508
O-360-A1F6 (25°,180HP)* <small>*Tachometer Drive</small>	ES4373	ES4342*	KA14005	KA12508
O-360-A1G (25°,180HP)	X	X	KA14005	KA12508
O-360-A1G6 (25°,180HP)	ES4373	ES4370	KA14005	KA12508
O-360-A1H (25°,180HP)	ES4373	ES4370	KA14004	KA12508
O-360-A1H (25°,180HP)	ES4373	ES4373	KA14004	KA12508
O-360-A1H6 (25°,180HP)	ES4373	ES4370	KA14005	KA12508
O-360-A1P (25°,180HP)	ES4373	ES4370	KA14004	KA12508
O-360-A1P (25°,180HP)	ES4373	ES4373	KA14004	KA12508
O-360-A2A (25°,180HP)	ES4373	ES4370	KA14004	KA12508
O-360-A2A (25°,180HP)	ES4373	ES4373	KA14004	KA12508
O-360-A2D (25°,180HP)	X	X	KA14004	X
O-360-A2E (25°,180HP)	X	X	X	X
O-360-A2F (25°,180HP)	ES4373	ES4370	KA14005	KA12508
O-360-A2G (25°,180HP)	ES4373	ES4370	KA14006	KA12508
O-360-A2G (25°,180HP)	ES4373	ES4373	KA14006	KA12508
O-360-A2H (25°,180HP)	X	X	X	X
O-360-A3A (25°,180HP)	ES4373	ES4370	KA14004	KA12508
O-360-A3A (25°,180HP)	ES4373	ES4373	KA14004	KA12508
O-360-A3D (25°,180HP)	X	X	X	X
O-360-A4A (25°,180HP)	ES4373	ES4370	KA14004	KA12508
O-360-A4D (25°,180HP)	X	X	X	X
O-360-A4G (25°,180HP)	ES4373	ES4370	KA14006	KA12508
O-360-A4G (25°,180HP)	ES4373	ES4373	KA14006	KA12508
O-360-A4J (25°,180HP)	ES4373	ES4370	KA14004	KA12508
O-360-A4K (25°,180HP)	ES4371	ES4370	KA14001	KA12508
O-360-A4M* (25°,180HP) <small>*Piper PA-28-181</small>	ES4371	ES4370	KA14001	KA12508
O-360-A4M* (25°,180HP) <small>*Diamond DA40</small>	ES4347	ES4353	KA14001	KA12508
O-360-A4M* (25°,180HP) <small>*Taylorcraft F22B</small>	ES4373	ES4370	KA14004	KA12508

LYCOMING

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
LYCOMING ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
O-360-A4M* (25°,180HP) *Taylorcraft F22B	ES4373	ES4373	KA14004	KA12508
O-360-A4N (25°,180HP)	ES4371	ES4371	KA14002	KA12508
O-360-A4P (25°,180HP)	ES4371	ES4370	KA14001	KA12508
O-360-A4P (25°,180HP)	ES4371	ES4371	KA14001	KA12508
O-360-B1A (25°,168HP)	X	X	X	X
O-360-B1A (25°,168HP)	X	X	X	X
O-360-B2A (25°,168HP)	ES4373	ES4370	KA14004	KA12508
O-360-B2C (25°,168HP)	ES4373	ES4370	KA14004	KA12508
O-360-C1A (25°,180HP)	ES4373	ES4370	KA14004	KA12508
O-360-C1C (25°,180HP)	X	X	X	X
O-360-C1E (25°,180HP)	ES4371	ES4370	KA14001	KA12508
O-360-C1E (25°,180HP)	ES4371	ES4371	KA14001	KA12508
O-360-C1F (25°,180HP)	ES4371	ES4370	KA14001	KA12508
O-360-C1G (25°,180HP)	ES4371	ES4370	KA14004	KA12508
O-360-C1G (25°,180HP)	ES4371	ES4371	KA14004	KA12508
O-360-C1G (25°,180HP)	ES4373	ES4370	KA14004	KA12508
O-360-C1G (25°,180HP)	ES4373	ES4373	KA14004	KA12508
O-360-C2A (25°,180HP)	ES4373	ES4370	KA14004	KA12508
O-360-C2A (25°,180HP)	ES4373	ES4373	KA14004	KA12508
O-360-C2B (25°,180HP)	X	X	X	X
O-360-C2C (25°,180HP)	ES4347	ES4370	KA14004	KA12508
O-360-C2E (25°,180HP)	ES4371	ES4370	KA14001	KA12508
O-360-C4F (25°,180HP)	ES4371	ES4370	KA14001	KA12508
O-360-C4P (25°,180HP)	ES4371	ES4370	KA14001	KA12508
O-360-D1A (25°,168HP)	X	X	X	X
O-360-D2A (25°,168HP)	X	X	KA14004	X
O-360-F1A6 (25°,180HP)	ES4371	ES4371	KA14002	KA12508
O-360-G1A6 (25°,180HP)	ES4371	ES4371	KA14002	KA12508
O-360-J2A (25°,145HP)	ES4347	ES4370	KA12402	KA12508
O-540-A1A (25°,250HP)	X	X	KA16002	KA12896
O-540-A1A5 (25°,250HP)	ES6355	ES6350	KA16002	KA12896
O-540-A1B5 (25°,250HP)	ES6355	ES6355	KA16002	KA12896
O-540-A1B5 (25°,250HP)	ES6355	ES6355	KA16014	KA12896
O-540-A1C5 (25°,250HP)	ES6355	ES6355	KA16002	KA12896
O-540-A1D (25°,250HP)	X	X	KA16014	X
O-540-A1D5 (25°,250HP)	ES6393	ES6350	KA16014	KA12896
O-540-A1D5 (25°,250HP)	ES6393	ES6350	KA16002	KA12896
O-540-A2B (25°,250HP)	X	X	KA16002	KA12896
O-540-A3D5 (25°,250HP)	X	X	KA16002	KA12896
O-540-A4A5 (25°,250HP)	ES6351	ES6350	KA16002	KA12896

LYCOMING

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
LYCOMING ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
O-540-A4B5 (25°,250HP)	ES6351	ES6351	KA16002	KA12896
O-540-A4C5 (25°,250HP)	X	X	KA16002	KA12896
O-540-A4D5 (25°,250HP)	ES6393	ES6350	KA16014	KA12896
O-540-A4E5 (25°,250HP)	ES6351	ES6351	KA16000	X
O-540-B1A5 (25°,235HP)	ES6393	ES6350	KA16014	KA12896
O-540-B1D5 (25°,235HP)	X	X	KA16014	KA12896
O-540-B2A5 (25°,235HP)	X	X	KA16014	KA12896
O-540-B2B5 (25°,235HP)	ES6355	ES6350	X	KA12896
O-540-B2C5 (25°,235HP)	ES6351	ES6350	KA16000	KA12896
O-540-B2C5 (25°,235HP)* <i>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</i>	ES6393	ES6350	KA16000	KA12896
O-540-B2C5-wd (25°,235HP)	ES6351	ES6350	KA16000	KA12896
O-540-B2C5-wd (25°,235HP)* <i>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</i>	ES6393	ES6350	KA16000	KA12896
O-540-B4B5 (25°,235HP)	ES6355	ES6350	X	KA12896
O-540-D1A5 (25°,250HP)	X	X	KA16014	KA12896
O-540-D1A5 (25°,250HP)	X	X	KA16002	KA12896
O-540-D4A5 (25°,250HP)	X	X	KA16014	KA12896
O-540-D4A5 (25°,250HP)	X	X	KA16002	KA12896
O-540-E4A5 (25°,260HP)* <i>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</i>	ES6393	ES6350	KA16014	KA12896
O-540-E4A5 (25°,260HP)* <i>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</i>	ES6393	ES6350	KA16002	KA12896
O-540-E4B5 (25°,260HP)* <i>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</i>	ES6355	ES6350	KA16002	KA12896
O-540-E4B5 (25°,260HP)	ES6393	ES6350	KA16002	KA12896
O-540-E4B5-wd (25°,260HP)	ES6355	ES6350	N/A	KA12896
O-540-E4B5-wd (25°,260HP)* <i>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</i>	ES6393	ES6350	N/A	KA12896

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
LYCOMING ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
O-540-E4C5 (25°,260HP)	ES6351	ES6371	KA16000	N/A
O-540-E4C5 (25°,260HP)* <i>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</i>	ES6393	ES6371	KA16000	N/A
O-540-E4C5 (25°,260HP)	ES6351	ES6371	KA16000	N/A
O-540-E4C5 (25°,260HP)* <i>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</i>	ES6393	ES6371	KA16000	N/A
O-540-F1A5 (25°,260HP)	ES6390	ES6351	KA16002	N/A
O-540-F1B5 (25°,260HP)	X	X	KA16014	X
O-540-G1A5 (25°,260HP)	ES6351	ES6350	KA16001	KA12896
O-540-G1A5 (25°,260HP)* <i>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</i>	ES6393	ES6350	KA16001	KA12896
O-540-G1A5-wd (25°,260HP)	ES6351	ES6350	KA16001	KA12896
O-540-G1A5-wd (25°,260HP)* <i>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</i>	ES6393	ES6350	KA16001	KA12896
O-540-G2A5 (25°,260HP)	ES6351	ES6350	KA16002	KA12896
O-540-G2A5 (25°,260HP)* <i>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</i>	ES6393	ES6350	KA16002	KA12896
O-540-G2A5-wd (25°,260HP)	ES6351	ES6350	KA16000	KA12896
O-540-G2A5-wd (25°,260HP)* <i>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</i>	ES6393	ES6350	KA16000	KA12896
O-540-H1A5 (25°,260HP)	X	X	X	X
O-540-H1A5 (25°,260HP)	X	X	X	X
O-540-H2A5 (25°,260HP)	ES6351	ES6351	KA16002	KA12896
O-540-J3A5 (23°,235HP)	ES6351	ES6350	KA16002	KA12896
TIO-540-A2B (20°,310HP)	ES6363	ES6360	X	KA16044
TIO-540-A2C (20°,310HP)	ES6363	ES6360	X	KA16044
TIO-540-AE2A (20°,350HP)	ES6363	ES6360	X	KA16044
TIO-540-AF1A (20°,270HP)	ES6361	ES6360	X	KA16044

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

LYCOMING	Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
	LYCOMING ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
	TIO-540-AF1B(20°,270HP)	ES6361	ES6360	X	KA16044
	TIO-540-AG1A (20°,270HP)	ES6361	ES6360	X	KA16044
	TIO-540-AH1A (20°,270HP)	ES6361	ES6360	X	KA16044
	TIO-540-AJ1A (20°,270HP)	ES6361	ES6361	X	KA16044
	TIO-540-AJ1A (20°,270HP)	ES6393	ES6360	X	KA16044
	TIO-540-AK1A (20°,270HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6361	ES6361	X	KA16044
	TIO-540-J2B (20°,350HP)	ES6363	ES6360	X	KA16044
	TIO-540-J2B (20°,350HP)	ES6363	ES6360	X	N/A
TIO-540-U2A (20°,350HP)	ES6365	ES6360	X	KA16044	
TIO-540-W2A (20°,350HP)	ES6361	ES6361	X	KA16044	
SUPERIOR	Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
	SUPERIOR AIR PARTS ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
	IO-360- All Models (25°,180HP)	ES4371	ES4371	KA14001	KA12508
O-360- All Models (25°,180HP)	ES4371	ES4371	KA14001	KA12508	
CONTINENTAL	Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
	CONTINENTAL ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
	A-65-1 (30°,65HP)* <i>*Includes ES3998 drive gear</i>	ES4333*	ES4333*	KA12045	X
	A-65-3 (30°,65HP)* <i>*Includes ES3998 drive gear</i>	ES4333*	ES4333*	KA12045	X
	A-65-6 (30°,65HP)* <i>*Includes ES3998 drive gear</i>	ES4333*	ES4333*	KA12045	X
	A-65-6J (30°,65HP)* <i>*Includes ES3998 drive gear</i>	ES4333*	ES4333*	KA12045	X
	A-65-7 (30°,65HP)* <i>*Includes ES3998 drive gear</i>	ES4333*	ES4333*	KA12045	X
	A-65-8 (30°,65HP)* <i>*Includes ES3998 drive gear</i>	ES4333*	ES4333*	KA12045	X
	A-65-8F (30°,65HP)* <i>*Includes ES3998 drive gear</i>	ES4333*	ES4333*	KA12045	X
	A-65-8FJ (30°,65HP)* <i>*Includes ES3998 drive gear</i>	ES4333*	ES4333*	KA12045	X

ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
CONTINENTAL ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
A-65-8J (30°,65HP)**Includes ES3998 drive gear	ES4333*	ES4333*	KA12045	X
A-75-3 (30°,75HP)* *Includes ES3998 drive gear	ES4333*	ES4333*	KA12045	X
A-75-6 (30°,75HP)* *Includes ES3998 drive gear	ES4333*	ES4333*	KA12045	X
A-75-6J (30°,75HP)** Includes ES3998 drive gear	ES4333*	ES4333*	KA12045	X
A-75-8 (30°,75HP)* *Includes ES3998 drive gear	ES4333*	ES4333*	KA12045	X
A-75-8F (30°,75HP)* *Includes ES3998 drive gear	ES4333*	ES4333*	KA12045	X
A-75-8FJ (30°,75HP)* *Includes ES3998 drive gear	ES4333*	ES4333*	KA12045	X
A-75-8J (30°,75HP)* *Includes ES3998 drive gear	ES4333*	ES4333*	KA12045	X
C-75-12 (30°,75HP)	ES4301	ES4301	KA11780	X
C-75-12F (30°,75HP)	ES4301	ES4301	KA11780	X
C-75-12FH (30°,75HP)	ES4301	ES4301	KA11780	X
C-75-12FHJ (30°,75HP)	ES4301	ES4301	KA11780	X
C-75-12FJ (30°,75HP)	ES4301	ES4301	KA11780	X
C-75-12J (30°,75HP)	ES4301	ES4301	KA11780	X
C-75-15 (30°,75HP)	ES4301	ES4301	KA11780	X
C-75-15F (30°,75HP)	ES4301	ES4301	KA11780	X
C-75-8 (30°,75HP)* *Includes ES3998 drive gear	ES4333*	ES4333*	KA12045	X
C-75-8 (30°,75HP)* *Includes ES3998 drive gear	ES4333*	ES4333*	KA12045	X
C-75-8F (30°,75HP)* *Includes ES3998 drive gear	ES4333*	ES4333*	KA12045	X
C-75-8F (30°,75HP)**Includes ES3998 drive gear	ES4333*	ES4333*	KA12045	X
C-75-8FH (30°,75HP)* *Includes ES3998 drive gear	ES4333*	ES4333*	KA12045	X
C-75-8FH (30°,75HP)* *Includes ES3998 drive gear	ES4333*	ES4333*	KA12045	X
C-75-8FHJ (30°,75HP)* *Includes ES3998 drive gear	ES4333*	ES4333*	KA12045	X
C-75-8FHJ (30°,75HP)* *Includes ES3998 drive gear	ES4333*	ES4333*	KA12045	X

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
CONTINENTAL ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
C-75-8FJ (30°,75HP)* *Includes ES3998 drive gear	ES4333*	ES4333*	KA12045	X
C-75-8FJ (30°,75HP)* *Includes ES3998 drive gear	ES4333*	ES4333*	KA12045	X
C-75-8J (30°,75HP)* *Includes ES3998 drive gear	ES4333*	ES4333*	KA12045	X
C-75-8J (30°,75HP)* *Includes ES3998 drive gear	ES4333*	ES4333*	KA12045	X
C-85-12 (30°,85HP)	ES4301	ES4301	KA11780	X
C-85-12F (30°,85HP)	ES4301	ES4301	KA11780	X
C-85-12FH (30°,85HP)	ES4301	ES4301	KA11780	X
C-85-12FHJ (30°,85HP)	ES4301	ES4301	KA11780	X
C-85-12FJ (30°,85HP)	ES4301	ES4301	KA11780	X
C-85-12J (30°,85HP)	ES4301	ES4301	KA11780	X
C-85-14 (30°,85HP)	ES4301	ES4301	KA11780	X
C-85-14F (30°,85HP)	ES4301	ES4301	KA11780	X
C-85-15 (30°,85HP)	ES4301	ES4301	KA11780	X
C-85-15F (30°,85HP)	ES4301	ES4301	KA11780	X
C-85-8 (30°,85HP)* *Includes ES3998 drive gear	ES4333*	ES4333*	KA12045	X
C-85-8F (30°,85HP)* *Includes ES3998 drive gear	ES4333*	ES4333*	KA12045	X
C-85-8FHJ (30°,85HP)* *Includes ES3998 drive gear	ES4333*	ES4333*	KA12045	X
C-85-8FJ (30°,85HP)* *Includes ES3998 drive gear	ES4333*	ES4333*	KA12045	X
C-85-8J (30°,85HP)* *Includes ES3998 drive gear	ES4333*	ES4333*	KA12045	X
C-90-12F (30°,95HP)	ES4301	ES4301	KA11780	X
C-90-12FH (30°,95HP)	ES4301	ES4301	KA11780	X
C-90-12FJ (30°,95HP)	ES4301	ES4301	KA11780	X
C-90-12FP (30°,95HP)	ES4301	ES4301	KA11780	X
C-90-14F (30°,95HP)	ES4301	ES4301	KA11780	X
C-90-14FH (30°,95HP)	ES4301	ES4301	KA11780	X
C-90-14FJ (30°,95HP)	ES4301	ES4301	KA11780	X
C-90-16F (30°,95HP)	ES4301	ES4301	KA11780	X
C-90-8F (30°,95HP)* *Includes ES3998 drive gear	ES4333*	ES4333*	KA12045	X
C-90-8FJ (30°,95HP)* *Includes ES3998 drive gear	ES4333*	ES4333*	KA12045	X

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
CONTINENTAL ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
C-125-2 (28°,125HP)	ES6364	ES6364	KA12932	X
C-145-2 (26°,145HP)	ES6364	ES6364	KA12932	KA12935
C-145-2H (26°,145HP)	ES6364	ES6364	KA12932	KA12935
C-145-2HP (26°,145HP)	ES6364	ES6364	KA12932	KA12935
E-165-2 (26°,165HP)	ES6379	ES6379	N/A	N/A
E-165-3 (26°,165HP)	ES6379	ES6379	N/A	N/A
E-165-4 (26°,165HP)	ES6379	ES6379	N/A	N/A
E-185-1 (26°,205HP)	ES6379	ES6379	N/A	N/A
E-185-10 (26°,205HP)	ES6379	ES6379	N/A	N/A
E-185-11 (26°,205HP)	ES6379	ES6379	N/A	N/A
E-185-2 (26°,185HP)	ES6379	ES6379	N/A	N/A
E-185-3 (26°,205HP)	ES6379	ES6379	N/A	N/A
E-185-5 (26°,185HP)	ES6379	ES6379	N/A	N/A
E-185-8 (26°,205HP)	ES6379	ES6379	N/A	N/A
E-185-9 (26°,205HP)	ES6379	ES6379	N/A	N/A
E-225-2 (26°,225HP)	ES6379	ES6379	N/A	N/A
E-225-4 (26°,225HP)	ES6379	ES6379	N/A	N/A
E-225-8 (26°,225HP)	ES6379	ES6379	N/A	N/A
E-225-9 (26°,225HP)	ES6379	ES6379	N/A	N/A
GO-300-A (28°,175HP)	ES6367	ES6367	KA12938	KA12939
GO-300-B (28°,175HP)	ES6367	ES6367	KA12938	KA12939
GO-300-C (28°,175HP)	ES6367	ES6367	KA12938	KA12939
GO-300-D (28°,175HP)	ES6367	ES6367	KA12938	KA12939
GO-300-E (28°,175HP)	ES6367	ES6367	KA12938	KA12939
IO-240-A (26°,125HP)	ES4309	ES4310	X	KA14045
IO-240-B (26°,125HP)	ES4309	ES4310	X	KA14045
IO-360-A (20°,210HP)	ES6314	ES6314	X	KA12778
IO-360-B (20°,180HP)	ES6314	ES6314	X	KA12778
IO-360-C (20°,210HP)	ES6314	ES6314	X	KA12778
IO-360-CB (20°,210HP)	ES6314	ES6314	X	KA12778
IO-360-D (20°,210HP)	ES6314	ES6314	X	KA12778
IO-360-DB (20°,210HP)	ES6314	ES6314	X	KA12778
IO-360-E (20°,210HP)	ES6314	ES6314	X	KA12778
IO-360-ES (24°,210HP)	ES6314	ES6314	X	KA12778
IO-360-G (20°,210HP)	ES6314	ES6314	X	KA12778
IO-360-GB (20°,210HP)	ES6314	ES6314	X	KA12778
IO-360-H (20°,210HP)	ES6314	ES6314	X	KA12778
IO-360-HB (20°,210HP)	ES6314	ES6314	X	KA12778
IO-360-J (20°,210HP)	ES6314	ES6314	X	KA12778
IO-360-JB (20°,210HP)	ES6314	ES6314	X	KA12778

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
CONTINENTAL ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
IO-360-K (20°,195HP)	ES6314	ES6314	X	KA12778
IO-360-KB (20°,195HP)	ES6314	ES6314	X	KA12778
IO-470-A (24°,240HP)	ES6310	ES6310	KA12828	KA12381
IO-470-A (24°,240HP)* <i>*ES6380 must be used with vent plug tachometer sensor</i>	ES6310	ES6380*	KA12828	KA12381
IO-470-C (26°,250HP)	ES6310	ES6310	KA12828	KA12381
IO-470-C (26°,250HP)* <i>*ES6380 must be used with vent plug tachometer sensor</i>	ES6310	ES6380*	KA12828	KA12381
IO-470-D (20°,260HP)	ES6310	ES6310	KA12828	KA12381
IO-470-D (20°,260HP)* <i>*ES6380 must be used with vent plug tachometer sensor</i>	ES6310	ES6380*	KA12828	KA12381
IO-470-D (20°,260HP)* <i>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</i>	ES6309*	ES6313*	KA12828	KA12381
IO-470-E (20°,260HP)	ES6310	ES6310	KA12828	KA12381
IO-470-E (20°,260HP)* <i>*ES6380 must be used with vent plug tachometer sensor</i>	ES6310	ES6380*	KA12828	KA12381
IO-470-E (20°,260HP)* <i>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</i>	ES6309*	ES6313*	KA12828	KA12381
IO-470-F (20°,260HP)	ES6310	ES6310	KA12828	KA12381
IO-470-F (20°,260HP)* <i>*ES6380 must be used with vent plug tachometer sensor</i>	ES6310	ES6380*	KA12828	KA12381
IO-470-F (20°,260HP)* <i>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</i>	ES6309*	ES6313*	KA12828	KA12381
IO-470-G (26°,250HP)	ES6310	ES6310	KA12828	KA12381
IO-470-G (26°,250HP)* <i>*ES6380 must be used with vent plug tachometer sensor</i>	ES6310	ES6380*	KA12828	KA12381
IO-470-H (20°,260HP)	ES6310	ES6310	KA12828	KA12381
IO-470-H (20°,260HP)* <i>*ES6380 must be used with vent plug tachometer sensor</i>	ES6310	ES6380*	KA12828	KA12381
IO-470-J (22°,225HP)	ES6310	ES6310	KA12828	KA12381
IO-470-J (22°,225HP)* <i>*ES6380 must be used with vent plug tachometer sensor</i>	ES6310	ES6380*	KA12828	KA12381

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
CONTINENTAL ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
IO-470-K (22°,225HP)	ES6310	ES6310	KA12828	KA12381
IO-470-K (22°,225HP)* <i>*ES6380 must be used with vent plug tachometer sensor</i>	ES6310	ES6380*	KA12828	KA12381
IO-470-K (22°,225HP)* <i>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic ignition booster</i>	ES6309*	ES6313*	KA12828	KA12381
IO-470-L (20°,260HP)	ES6310	ES6310	KA12828	KA12381
IO-470-L (20°,260HP)* <i>*ES6380 must be used with vent plug tachometer sensor</i>	ES6310	ES6380*	KA12828	KA12381
IO-470-L (20°,260HP)* <i>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic ignition booster</i>	ES6309*	ES6313*	KA12828	KA12381
IO-470-LO (20°,260HP)	ES6310	ES6310	KA12828	KA12381
IO-470-LO (20°,260HP)* <i>*ES6380 must be used with vent plug tachometer sensor</i>	ES6310	ES6380*	KA12828	KA12381
IO-470-M (20°,260HP)	ES6310	ES6310	KA12828	KA12381
IO-470-M (20°,260HP)* <i>*ES6380 must be used with vent plug tachometer sensor</i>	ES6310	*ES6380*	KA12828	KA12381
IO-470-N (20°,260HP)	ES6310	ES6310	KA12828	KA12381
IO-470-N (20°,260HP)* <i>*ES6380 must be used with vent plug tachometer sensor</i>	ES6310	ES6310, ES6380*	KA12828	KA12381
IO-470-P (26°,250HP)	ES6310	ES6310	KA12828	KA12381
IO-470-P (26°,250HP)* <i>*ES6380 must be used with vent plug tachometer sensor</i>	ES6310	ES6380*	KA12828	KA12381
IO-470-R (26°,250HP)	ES6310	ES6310	KA12828	KA12381
IO-470-R (26°,250HP)* <i>*ES6380 must be used with vent plug tachometer sensor</i>	ES6310	ES6380*	KA12828	KA12381
IO-470-S (20°,260HP)	ES6310	ES6310	KA12828	KA12381
IO-470-S (20°,260HP)* <i>*ES6380 must be used with vent plug tachometer sensor</i>	ES6310	ES6310, ES6380*	KA12828	KA12381
IO-470-S (20°,260HP)* <i>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic ignition booster</i>	ES6309*	ES6313*	KA12828	KA12381
IO-470-T (26°,250HP)	ES6310	ES6310	KA12828	KA12381

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
CONTINENTAL ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
IO-470-T (26°,250HP)* <small>*ES6380 must be used with vent plug tachometer sensor</small>	ES6310	ES6380*	KA12828	KA12381
IO-470-U (20°,260HP)	ES6310	ES6310	KA12828	KA12381
IO-470-U (20°,260HP)* <small>*ES6380 must be used with vent plug tachometer sensor</small>	ES6310	ES6380*	KA12828	KA12381
IO-470-U (20°,260HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic ignition booster</small>	ES6309*	ES6313*	KA12828	KA12381
IO-470-V (20°,260HP)	ES6310	ES6310	KA12828	KA12381
IO-470-V (20°,260HP)* <small>*ES6380 must be used with vent plug tachometer sensor</small>	ES6310	ES6380*	KA12828	KA12381
IO-470-V (20°,260HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic ignition booster</small>	ES6309*	ES6313*	KA12828	KA12381
IO-470-VO (20°,260HP)	ES6310	ES6310	KA12828	KA12381
IO-470-VO (20°,260HP)* <small>*ES6380 must be used with vent plug tachometer sensor</small>	ES6310	ES6380*	KA12828	KA12381
IO-520-A (22°,285HP)	ES6310	ES6310	KA12828	KA12381
IO-520-B (22°,285HP)	ES6310	ES6310	KA12828	KA12381
IO-520-B (22°,285HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic ignition booster</small>	ES6309*	ES6313*	KA12828	KA12381
IO-520-BA (22°,285HP)	ES6310	ES6310	KA12828	KA12381
IO-520-BA (22°,285HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic ignition booster</small>	ES6309*	ES6313*	KA12828	KA12381
IO-520-BB (22°,285HP)	ES6310	ES6310	KA12828	KA12381
IO-520-BB (22°,285HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic ignition booster</small>	ES6309*	ES6313*	KA12828	KA12381
IO-520-C (22°,285HP)	ES6310	ES6310	KA12828	KA12381

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
CONTINENTAL ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
IO-520-C (22°,285HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</small>	ES6309*	ES6313*	KA12828	KA12381
IO-520-CB (22°,285HP)	ES6310	ES6310	KA12828	KA12381
IO-520-CB (22°,285HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</small>	ES6309*	ES6313*	KA12828	KA12381
IO-520-D (22°,300HP)	ES6310	ES6310	KA12828	KA12381
IO-520-E (22°,300HP)	ES6310	ES6310	KA12828	KA12381
IO-520-F (22°,300HP)	ES6310	ES6310	KA12828	KA12381
IO-520-J (22°,285HP)	ES6310	ES6310	KA12828	KA12381
IO-520-K (22°,300HP)	ES6310	ES6310	KA12828	KA12381
IO-520-L (22°,300HP)	ES6310	ES6310	KA12828	KA12381
IO-520-M (22°,285HP)	ES6310	ES6310	KA12828	KA12381
IO-520-M (22°,285HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</small>	ES6309*	ES6313*	KA12828	KA12381
IO-520-MB (22°,285HP)	ES6310	ES6310	KA12828	KA12381
IO-520-MB (22°,285HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</small>	ES6309*	ES6313*	KA12828	KA12381
IO-520-N (22°,300HP)	ES6310	ES6310	KA12828	KA12381
IO-520-NB (22°,300HP)	ES6310	ES6310	KA12828	KA12381
IO-550-A (22°,300HP)	ES6310	ES6310	KA12828	KA12381
IO-550-A (22°,300HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</small>	ES6309*	ES6313*	KA12828	KA12381
IO-550-B (22°,300HP)	ES6310	ES6310	KA12828	KA12381
IO-550-C (22°,300HP)	ES6310	ES6310	KA12828	KA12381
IO-550-D (22°,300HP)	ES6310	ES6310	KA12828	KA12381
IO-550-D (22°,300HP)* <small>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic igniton booster</small>	ES6309*	ES6313*	KA12828	KA12381
IO-550-E (22°,300HP)	ES6310	ES6310	X	KA12381
IO-550-F (22°,300HP)	ES6310	ES6310	X	KA12381

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
CONTINENTAL ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
IO-550-G (22°,280HP)	ES6310	ES6310	X	KA12381
IO-550-L (22°,300HP)	ES6310	ES6310	X	KA12381
IO-550-N (22°,310HP)	ES6310	ES6310	X	KA12382
IO-550-P (22°,310HP)	X	X	X	X
IO-550-R (22°,310HP)	X	X	X	X
LTSIO-360-E (20°200HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6320**	ES6320**	X	KA12778
LTSIO-360-EB (20°,200HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6320**	ES6320**	X	KA12778
LTSIO-360-KB (20°,220HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6320**	ES6320**	X	KA12778
LTSIO-360-RB (22°,220HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6320**	ES6320**	X	KA12778
LTSIO-520-AE** <i>**Install on engines configured for pressurized magnetos only</i>	ES6324**	ES6324**	X	KA12779
O-200-A (25°,100HP)	ES4301	ES4301	KA11780	X
O-200-B (25°,100HP)	ES4301	ES4301	KA11780	X
O-200-C (25°,100HP)	ES4301	ES4301	KA11780	X
O-300-A (26°,145HP)	ES6364	ES6364	KA12932	KA12935
O-300-B (26°,145HP)	ES6364	ES6364	KA12932	KA12935
O-300-C (26°,145HP)	ES6364	ES6364	KA12932	KA12935
O-300-D (26°,145HP)	ES6364	ES6364	KA12932	KA12935
O-300-E (26°,145HP)	ES6364	ES6364	KA12932	KA12935
O-470-11 (26°,213HP)	ES6379	ES6379	KA12176	KA12339
O-470-11B (26°,213HP)	ES6379	ES6379	KA12176	KA12339
O-470-11B-C1 (26°,213HP)	ES6379	ES6379	KA12176	KA12339
O-470-11-C1 (26°,213HP)	ES6379	ES6379	KA12176	KA12339
O-470-13 (26°,225HP)	ES6379	ES6379	KA12176	KA12339
O-470-13A (26°,225HP)	ES6379	ES6379	KA12176	KA12339
O-470-15 (26°,213HP)	ES6379	ES6379	KA12176	KA12339
O-470-4 (26°,225HP)	ES6379	ES6379	KA12176	KA12339
O-470-A (26°,225HP)	ES6310	ES6310	KA12828	KA12381
O-470-B (24°,240HP)	ES6310	ES6310	KA12828	KA12381
O-470-B-C1 (24°,240HP)	ES6310	ES6310	KA12828	KA12381
O-470-E (26°,225HP)	ES6310	ES6310	KA12828	KA12381
O-470-G (24°,240HP)	ES6310	ES6310	KA12828	KA12381
O-470-G-C1 (24°,240HP)	ES6310	ES6310	KA12828	KA12381
O-470-H (24°,240HP)	ES6310	ES6310	KA12828	KA12381
O-470-J (20°,225HP)	ES6310	ES6310	KA12828	KA12381

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
CONTINENTAL ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
O-470-K (22°,230HP)	ES6310	ES6310	KA12828	KA12381
O-470-K-C1 (22°,230HP)	ES6310	ES6310	KA12828	KA12381
O-470-L (22°,230HP)	ES6310	ES6310	KA12828	KA12381
O-470-L (22°,230HP)* <i>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic ignition booster</i>	ES6309*	ES6313*	KA12828	KA12381
O-470-L-C1 (22°,230HP)	ES6310	ES6310	KA12828	KA12381
O-470-M (24°,240HP)	ES6310	ES6310	KA12828	KA12381
O-470-M-C1 (24°,240HP)	ES6310	ES6310	KA12828	KA12381
O-470-N (24°,240HP)	ES6310	ES6310	KA12828	KA12381
O-470-P (24°,240HP)	ES6310	ES6310	KA12828	KA12381
O-470-R (22°,230HP)	ES6310	ES6310	KA12828	KA12381
O-470-R (22°,230HP)* <i>*Retard breaker magneto to be used with Shower of Sparks™ starting vibrator, Unison SlickStart™ or Champion SureStart™ electronic ignition booster</i>	ES6309*	ES6313*	KA12828	KA12381
O-470-S (22°,230HP)	ES6310	ES6310	KA12828	KA12381
O-470-T (24°,230HP)	ES6310	ES6310	KA12828	KA12381
O-470-U (24°,230HP)	ES6310	ES6310	KA12828	KA12381
TSIO-360-A (20°,210HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6314*	ES6314*	X	KA12778
TSIO-360-A (20°,210HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6324**	ES6324**	X	KA12778
TSIO-360-AB (20°,210HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6314*	ES6314*	X	KA12778
TSIO-360-AB (20°,210HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6324**	ES6324**	X	KA12778
TSIO-360-B (20°,210HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6314*	ES6314*	X	KA12778
TSIO-360-B (20°,210HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6324**	ES6324**	X	KA12778
TSIO-360-BB (20°,210HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6314*	ES6314*	X	KA12778
TSIO-360-BB (20°,210HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6324**	ES6324**	X	KA12778

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
CONTINENTAL ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
TSIO-360-C (20°,225HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6314*	ES6314*	X	KA12778
TSIO-360-C (20°,225HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6324**	ES6324**	X	KA12778
TSIO-360-CB (20°,225HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6314*	ES6314*	X	KA12778
TSIO-360-CB (20°,225HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6324**	ES6324**	X	KA12778
TSIO-360-D (20°,225HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6314*	ES6314*	X	KA12778
TSIO-360-D (20°,225HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6324**	ES6324**	X	KA12778
TSIO-360-DB (20°,225HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6314*	ES6314*	X	KA12778
TSIO-360-DB (20°,225HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6324**	ES6324**	X	KA12778
TSIO-360-E (20°,200HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6314*	ES6314*	X	KA12778
TSIO-360-E (20°,200HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6324**	ES6324**	X	KA12778
TSIO-360-EB (20°,200HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6314*	ES6314*	X	KA12778
TSIO-360-EB (20°,200HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6324**	ES6324**	X	KA12778
TSIO-360-F (20°,200HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6314*	ES6314*	X	KA12778
TSIO-360-F (20°,200HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6324**	ES6324**	X	KA12778
TSIO-360-FB (20°,200HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6314*	ES6314*	X	KA12778
TSIO-360-FB (20°,200HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6320**	ES6320**	X	KA12778
TSIO-360-G (20°,210HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6314*	ES6314*	X	KA12778

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
CONTINENTAL ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
TSIO-360-G (20°,210HP)** **Install on engines configured for pressurized magnetos only	ES6324**	ES6324**	X	KA12778
TSIO-360-GB (20°,210HP)* *Install on engines configured for non-pressurized magnetos only	ES6314*	ES6314*	X	KA12778
TSIO-360-GB (20°,210HP)** **Install on engines configured for pressurized magnetos only	ES6324**	ES6324**	X	KA12778
TSIO-360-H (20°,210HP)* *Install on engines configured for non-pressurized magnetos only	ES6314*	ES6314*	X	KA12778
TSIO-360-H (20°,210HP)** **Install on engines configured for pressurized magnetos only	ES6324**	ES6324**	X	KA12778
TSIO-360-HB (20°,210HP)* *Install on engines configured for non-pressurized magnetos only	ES6314*	ES6314*	X	KA12778
TSIO-360-HB (20°,210HP)** **Install on engines configured for pressurized magnetos only	ES6324**	ES6324**	X	KA12778
TSIO-360-JB (20°,225HP)* *Install on engines configured for non-pressurized magnetos only	ES6314*	ES6314*	X	KA12778
TSIO-360-JB (20°,225HP)** **Install on engines configured for pressurized magnetos only	ES6324**	ES6324**	X	KA12778
TSIO-360-KB (20°,220HP)** **Install on engines configured for pressurized magnetos only	ES6324**	ES6324**	X	KA12778
TSIO-360-LB (20°,210HP)** *Install on engines configured for non-pressurized magnetos only	ES6324**	ES6324**	X	KA12778
TSIO-360-MB (20°,210HP)** **Install on engines configured for pressurized magnetos only	ES6324**	ES6324**	X	KA12778
TSIO-360-NB (20°,210HP)** **Install on engines configured for pressurized magnetos only	ES6324**	ES6324**	X	KA12778
TSIO-360-PB (20°,200HP)** **Install on engines configured for pressurized magnetos only	ES6324**	ES6324**	X	KA12778
TSIO-360-RB (22°,220HP)** **Install on engines configured for pressurized magnetos only	ES6324**	ES6324**	X	KA12778
TSIO-360-SB (20°,220HP)** **Install on engines configured for pressurized magnetos only	ES6324**	ES6324**		KA12778
TSIO-520-A (20°,285HP)* *Install on engines configured for non-pressurized magnetos only	ES6310*	ES6310*	X	KA12779

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
CONTINENTAL ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
TSIO-520-A (20°,285HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6320**	ES6320**	X	KA12381
TSIO-520-AE (20°,250HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6320**	ES6320**		KA12381
TSIO-520-AF (22°,310HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6320**	ES6320**		KA12381
TSIO-520-B (20°,285HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6310*	ES6310*	X	KA12779
TSIO-520-B (20°,285HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6320**	ES6320**	X	KA12381
TSIO-520-BB (20°,285HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6310*	ES6310*	X	KA12779
TSIO-520-BB (20°,285HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6320**	ES6320**	X	KA12381
TSIO-520-BE (24°,310HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6320**	ES6320**	X	KA12381
TSIO-520-C (20°,285HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6310*	ES6310*	X	KA12779
TSIO-520-C (20°,285HP)** <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6320**	ES6320**	X	KA12381
TSIO-520-CE (20°,325HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6320**	ES6320**	X	KA12381
TSIO-520-D (20°,285HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6310*	ES6310*	X	KA12779
TSIO-520-D (20°,285HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6320**	ES6320**	X	KA12381
TSIO-520-DB (20°,285HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6310*	ES6310*	X	KA12779
TSIO-520-DB (20°,285HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6320**	ES6320**	X	KA12381
TSIO-520-E (20°,300HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6310*	ES6310*	X	KA12779
TSIO-520-E (20°,300HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6320**	ES6320**	X	KA12381

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
CONTINENTAL ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
TSIO-520-EB (20°,300HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6310*	ES6310*	X	KA12779
TSIO-520-EB (20°,300HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6320**	ES6320**	X	KA12381
TSIO-520-G (22°,300HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6310*	ES6310*	X	KA12779
TSIO-520-G (22°,300HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6320**	ES6320**	X	KA12381
TSIO-520-H (20°,285HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6310*	ES6310*	X	KA12779
TSIO-520-H (20°,285HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6320**	ES6320**	X	KA12381
TSIO-520-J (20°,310HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6310*	ES6310*	X	KA12779
TSIO-520-J (20°,310HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6320**	ES6320**	X	KA12381
TSIO-520-JB (20°,310HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6310*	ES6310*	X	KA12779
TSIO-520-JB (20°,310HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6320**	ES6320**	X	KA12381
TSIO-520-K (20°,285HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6310*	ES6310*	X	KA12779
TSIO-520-K (20°,285HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6320**	ES6320**	X	KA12381
TSIO-520-KB (20°,285HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6310*	ES6310*	X	KA12779
TSIO-520-KB (20°,285HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6320**	ES6320**	X	KA12381
TSIO-520-L (20°,310HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6310*	ES6310*	X	KA12779
TSIO-520-L (20°,310HP)** <i>**Install on engines configured for pressurized magnetos only</i>	ES6320**	ES6320**	X	KA12381
TSIO-520-LB (20°,310HP)* <i>*Install on engines configured for non-pressurized magnetos only</i>	ES6310*	ES6310*	X	KA12779

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
CONTINENTAL ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
TSIO-520-LB (20°,310HP)** **Install on engines configured for pressurized magnetos only	ES6320**	ES6320**	X	KA12381
TSIO-520-M (22°,310HP)* *Install on engines configured for non-pressurized magnetos only	ES6310*	ES6310*	X	KA12779
TSIO-520-M (22°,310HP)** **Install on engines configured for pressurized magnetos only	ES6320**	ES6320**	X	KA12381
TSIO-520-N (20°,310HP)* *Install on engines configured for non-pressurized magnetos only	ES6310*	ES6310*	X	KA12779
TSIO-520-N (20°,310HP)** **Install on engines configured for pressurized magnetos only	ES6320**	ES6320**	X	KA12381
TSIO-520-NB (20°,310HP)* *Install on engines configured for non-pressurized magnetos only	ES6310*	ES6310*	X	KA12779
TSIO-520-NB (20°,310HP)** **Install on engines configured for pressurized magnetos only	ES6320**	ES6320**	X	KA12381
TSIO-520-P (22°,310HP)* *Install on engines configured for non-pressurized magnetos only	ES6310*	ES6310*	X	KA12779
TSIO-520-P (22°,310HP)** **Install on engines configured for pressurized magnetos only	ES6320**	ES6320**	X	KA12381
TSIO-520-R (22°,310HP)* *Install on engines configured for non-pressurized magnetos only	ES6310*	ES6310*	X	KA12779
TSIO-520-R (22°,310HP)** **Install on engines configured for pressurized magnetos only	ES6320**	ES6320**	X	KA12381
TSIO-520-T (22°,310HP)* *Install on engines configured for non-pressurized magnetos only	ES6310*	ES6310*	X	KA12779
TSIO-520-U (22°,300HP)* *Install on engines configured for non-pressurized magnetos only	ES6310*	ES6310*	X	KA12779
TSIO-520-U (22°,300HP)** **Install on engines configured for pressurized magnetos only	ES6320**	ES6320**	X	KA12381
TSIO-520-UB (22°,300HP)* *Install on engines configured for non-pressurized magnetos only	ES6310*	ES6310*	X	KA12779
TSIO-520-UB (22°,300HP)** **Install on engines configured for pressurized magnetos only	ES6320**	ES6320**	X	KA12381
TSIO-520-VB (20°,325HP)* *Install on engines configured for non-pressurized magnetos only	ES6310*	ES6310*	X	KA12779

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ES SERIES MAGNETO AND IGNITION HARNESS APPLICATION BY ENGINE MODEL

Engine Model (Timing, Horsepower)	Left Magneto	Right Magneto	5/8" Ignition Harness	3/4" Ignition Harness
CONTINENTAL ENGINES			<i>Note: 3/4" wrench used to install 5/8" spark plug nut</i>	<i>Note: 7/8" wrench used to install 3/4" spark plug nut</i>
TSIO-520-VB (20°,325HP)** <small>**Install on engines configured for pressurized magnetos only</small>	ES6320**	ES6320**	X	KA12381
TSIO-550-A (24°,360HP)** <small>**Install on engines configured for pressurized magnetos only</small>	ES6320**	ES6320**	X	KA12779
TSIO-550-B (24°,350HP)** <small>**Install on engines configured for pressurized magnetos only</small>	ES6320**	ES6320**	X	KA12779
TSIO-550-C (24°,310HP)** <small>**Install on engines configured for pressurized magnetos only</small>	ES6320**	ES6320**	X	KA12779
TSIO-550-D (24°,310HP)** <small>**Install on engines configured for pressurized magnetos only</small>	ES6320**	ES6320**	X	KA12779
TSIO-550-E (24°,350HP)** <small>**Install on engines configured for pressurized magnetos only</small>	ES6320**	ES6320**	X	KA12779
TSIO-550-G (24°,350HP)** <small>**Install on engines configured for pressurized magnetos only</small>	ES6320**	ES6320**	X	KA12779
TSIO-550-K (24°,350HP)** <small>**Install on engines configured for pressurized magnetos only</small>	ES6320**	ES6320**	X	KA12779

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