



JOYSTICKS

QUICK REFERENCE GUIDE

**GUÍA DE REFERENCIA
GUIDE DE RÉFÉRENCE FACILE**

KEEPS YOU GOING.

ABOUT TVH

TVH is a leading provider of quality replacement parts and accessories for the material handling, industrial equipment and light construction industries. Our commitment to service, knowledge and product availability has made TVH the One-Stop-Shop for our customers.

CUSTOMER SERVICE PROMISE

We are dedicated to providing comprehensive, quality service from the initial quotation to the final product delivery.

- Highly trained staff continuously grow our 24/7 online parts research and e-commerce service
- 16 convenient locations across North and South America
- Industry specific training courses designed to enhance your employees' knowledge of new generation mechanical systems, emerging technologies and professional skills
- Next day ground delivery for 92% of the industrial truck population in the U.S.
- Over 85% customer satisfaction rating





QUALITY PARTS

TVH offers a large selection of products from internationally recognized manufacturers to provide you with the best quality joysticks for your equipment needs.

We are committed to providing our customers with:

- An extensive inventory and access to 47 million parts to assure we have the right part in stock and ready to ship
- Strict quality controls to guarantee premium parts at the best price
- 80% of our products are the exact same as the OEM

We understand that our company only exists if we are a trusted source of products and services which help you to be successful. That's why we partner with top brands to keep your equipment running at its best.

QUALITY BRANDS

Our professionally trained staff are available to help you with your toughest questions to ensure you get the part you need, when you need it. We offer joysticks for a variety of equipment makes to ensure our One-Stop-Shop promise.

Genie · JLG · Skyjack · Snorkel · Hy-brid Lift · MEC

QUALITY SERVICE

Our e-commerce website is the leading industry research tool which was developed specifically for TVH customers to provide them with all the information they need right at their fingertips.

- Information on over 640 makes and 20,000 industrial equipment models
- Ability to submit online research requests all day, every day
- Print or email product information and check availability of a part in any warehouse quickly and easily

ACERCA DE TVH

TVH es un proveedor líder de partes de repuesto y accesorios de calidad para las industrias de manejo de materiales, equipos industriales y construcción ligera. Nuestro compromiso con el servicio, el conocimiento y la disponibilidad del producto ha convertido a TVH en el Único Lugar de Compras para nuestros clientes.

PROMESA DE SERVICIO AL CLIENTE

Estamos dedicados a brindar un servicio integral y de calidad desde la cotización inicial hasta la entrega del producto final.

- El personal altamente capacitado aumenta continuamente nuestro servicio de investigación y comercio electrónico de partes en línea las 24 horas, los 7 días de la semana
- 16 ubicaciones convenientes en América del Norte y América del Sur
- Cursos de capacitación específicos de la industria diseñados para mejorar el conocimiento de sus empleados sobre sistemas mecánicos de nueva generación, tecnologías emergentes y habilidades profesionales
- Entrega terrestre al día siguiente para el 92% en la industria de manejo de materiales en los EE. UU.
- Más del 85% de índice de satisfacción del cliente





PARTES DE CALIDAD

TVH ofrece una gran selección de productos de fabricantes reconocidos internacionalmente para brindarle joysticks de la mejor calidad para las necesidades de su equipo.

Nos comprometemos a proporcionar a nuestros clientes:

- Un inventario extenso y acceso a 47 millones de partes para asegurar que tengamos la parte correcta disponible y lista para enviar
- Controles de calidad estrictos para garantizar partes de alta calidad al mejor precio
- 80% de nuestros productos son exactamente iguales a los de OEM

Entendemos que nuestra empresa solo existe si somos una fuente confiable de productos y servicios que lo ayudan a tener éxito. Es por eso que nos asociamos con las mejores marcas para mantener su equipo funcionando de la mejor manera.

MARCAS DE CALIDAD

Nuestro personal capacitado profesionalmente está disponible para ayudarlo con sus preguntas más difíciles para garantizar que obtenga la parte que necesita, cuando la necesite. Ofrecemos joysticks para una variedad de marcas de equipos para garantizar nuestra promesa de ser su Único Lugar de Compras.

Genie · JLG · Skyjack · Snorkel · Hy-brid Lift · MEC

SERVICIO DE CALIDAD

Nuestro sitio web de comercio electrónico es la herramienta de investigación líder de la industria que fue desarrollada específicamente para los clientes de TVH para proporcionarles toda la información que necesitan al alcance de su mano.

- Información sobre más de 640 marcas y 20,000 modelos de equipos industriales
- Posibilidad de enviar solicitudes de investigación en línea todo el día, todos los días
- Imprima o envíe por correo electrónico información del producto y verifique la disponibilidad de una parte en cualquier almacén de forma rápida y sencilla

À PROPOS DE TVH

TVH est un fournisseur de premier plan de pièces de rechange et d'accessoires de qualité pour les secteurs de la manutention, des équipements industriels et de la construction légère. Notre engagement envers le service, la connaissance et la disponibilité des produits a fait de TVH le guichet unique pour nos clients.

PROMESSE DE SERVICE À LA CLIENTÈLE

Nous nous engageons à fournir un service complet et de qualité, du devis initial à la livraison du produit final.

- Un personnel hautement qualifié développe continuellement notre service de recherche de pièces et de commerce électronique en ligne, disponible 24 heures sur 24 et 7 jours sur 7
- 16 emplacements pratiques en Amérique du Nord et du Sud
- Des cours de formation spécifiques à l'industrie conçus pour améliorer les connaissances de vos employés sur les systèmes mécaniques de nouvelle génération, les technologies émergentes et les compétences professionnelles
- Livraison terrestre le lendemain pour 92 % du parc de camions industriels aux États-Unis
- Taux de satisfaction de la clientèle supérieur à 85 %





PIÈCES DE QUALITÉ

TVH propose une large choix de produits provenant de fabricants reconnus au niveau international pour vous fournir des manettes de qualité pour vos besoins en équipement.

Nous nous engageons à fournir à nos clients:

- Un inventaire étendu et un accès à 47 millions de pièces pour garantir que nous avons la bonne pièce en stock et prête à être expédiée
- Des contrôles de qualité stricts pour garantir des pièces de qualité au meilleur prix
- 80% de nos produits sont exactement les mêmes que ceux du manufacturier

Nous avons conscience que notre entreprise n'existe que si nous sommes une source fiable de produits et de services qui vous aident à réussir. C'est pourquoi nous nous associons à ces grandes marques pour que votre équipement fonctionne au mieux.

MARQUES DE QUALITÉ

Notre personnel professionnel, formé est disponible pour répondre à vos questions les plus difficiles afin de s'assurer que vous obtenez la pièce dont vous avez besoin, quand vous avez besoin. Nous offrons des manettes pour une variété de marques d'équipement afin de garantir notre promesse de magasin à guichet unique.

Genie · JLG · Skyjack · Snorkel · Hy-brid Lift · MEC

UN SERVICE DE QUALITÉ

Notre site de commerce électronique est le principal outil de recherche du secteur. Il a été développé spécifiquement pour les clients de TVH afin de leur fournir toutes les informations dont ils ont besoin à portée de main.

- Informations sur plus de 640 marques et 20,000 modèles d'équipements industriels
- Possibilité de formuler des demandes de recherche en ligne toute la journée, tous les jours
- Imprimez ou envoyez par courriel des informations sur les produits et vérifiez rapidement et facilement la disponibilité d'une pièce dans n'importe quel entrepôt

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FEATURES:

- 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



FITS THE FOLLOWING MODELS:

GR, GS, QS Series Machines

	Description
SY28-102765	Joystick Single axis Hall Effect GEN 6

FEATURES:

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



FITS THE FOLLOWING MODELS:

S-40/45, Z-45/22D, S-60/65, Z-45/22 DRT, S-80/85, Z-45/25J I/C, Z-34/22 I/C, Z-60/34, Z-45/22 I/C

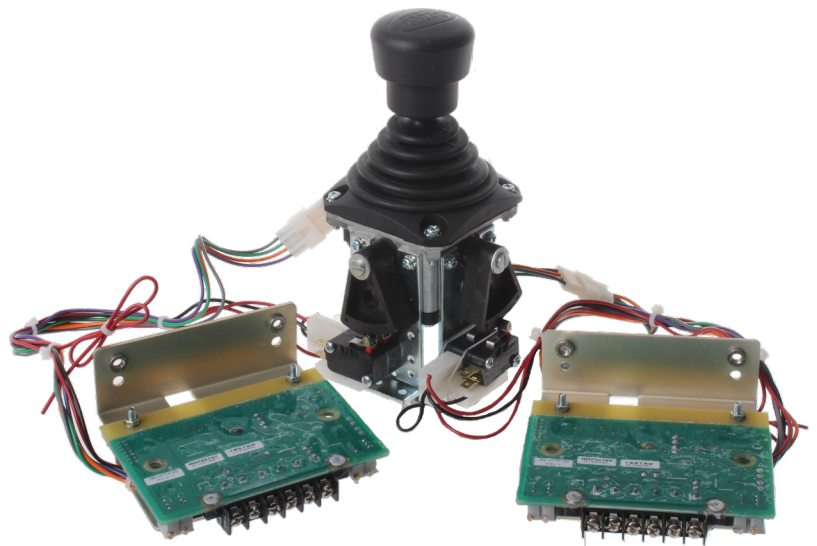
	Description
SYJS-1047	Joystick Single axis Drive/steer





FEATURES:

- 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 reliability



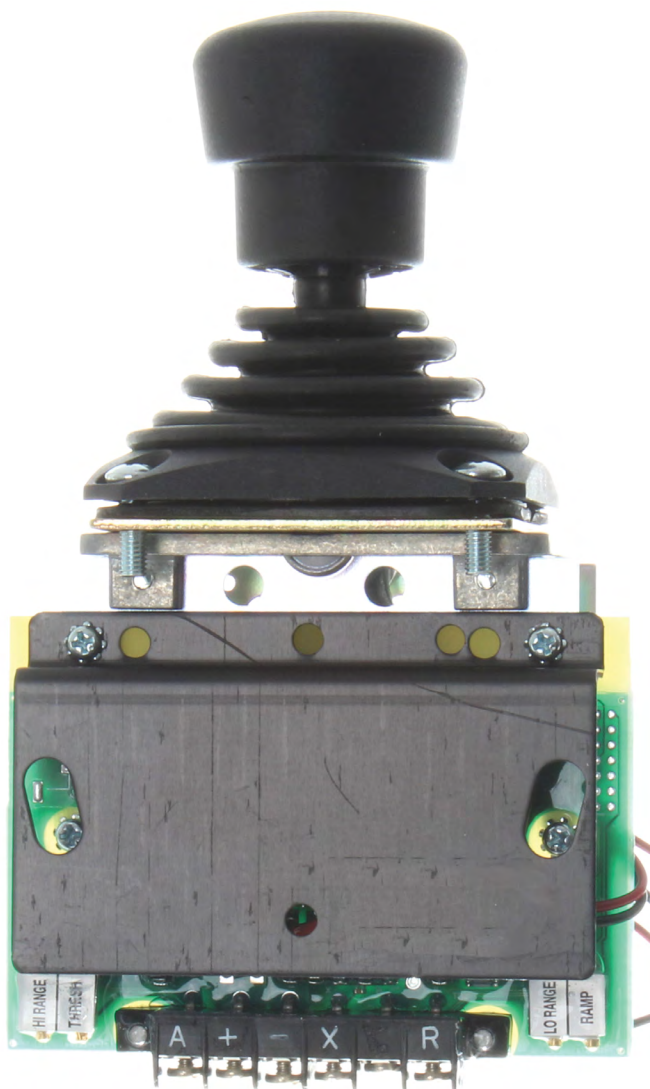
FITS THE FOLLOWING MODELS:

S-40/45, Z-45/22 I/C, Z-45/25J I/C, Z-60/34

	Description
SYJS-1048	Joystick Dual axis Lift/swing

FEATURES:

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



FITS THE FOLLOWING MODELS:

S-60/65, S-80/85, Z-45/22 I/C, Z-45/25J I/C, Z-60/34

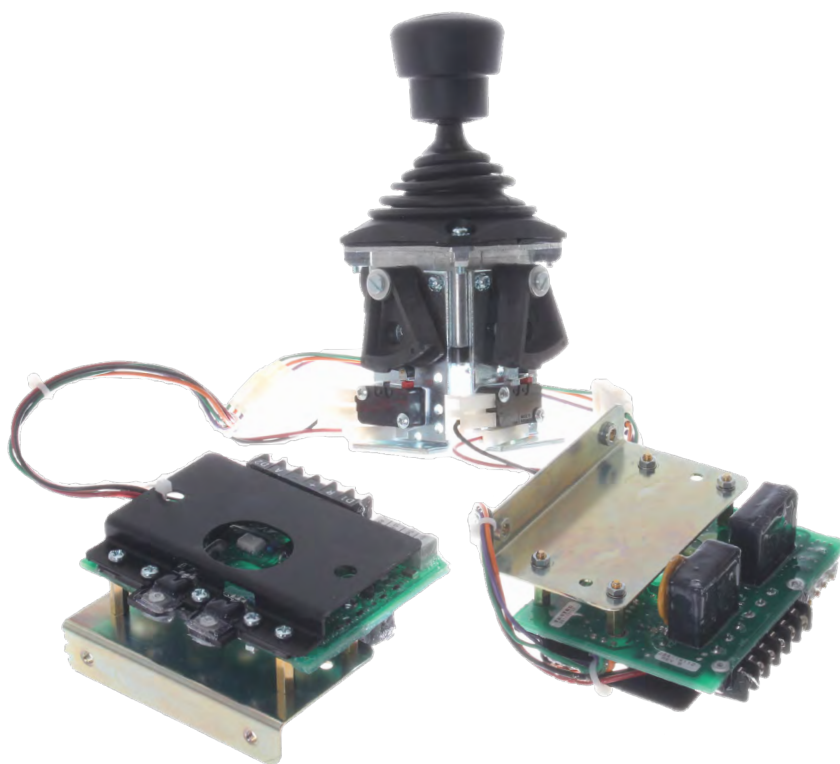
	Description
SYJS-1049	Joystick Single axis Extend/retract





FEATURES:

- 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 reliability



FITS THE FOLLOWING MODELS:

S-60/65, S-80/85

	Description
SYJS-1050	Lift/swing

FEATURES:

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



FITS THE FOLLOWING 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
SYJS-1051	Rotary controller Boom speed





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 resistant to water and dust
- Rugged, heavy duty design
- Advanced centering technology



FITS THE FOLLOWING 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-33/18, Z-40/23N, Z-45/25J I/C, Z-51/3J, Z-60/34, Z-62/40, Z-80/60, Z-135/70, ZX-135/70

Description	
SYJS-1071	Joystick Single axis Hall Effect with rocker

FEATURES:

- 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
- Mount from above control box for easy installation



FITS THE FOLLOWING MODELS:

GR, GRC, GS, QS Series Machines

	Description
SYJS-1072	Joystick Drive/steer Hall Effect GEN 4 & GEN 5





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 resistant to water and dust
- Rugged, heavy duty design
- Advanced centering technology



FITS THE FOLLOWING 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

	Description
SYJS-1212	Joystick Dual axis Hall Effect

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 resistant to water and dust
- Rugged, heavy duty design
- Advanced centering technology



FITS THE FOLLOWING 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

	Description
SYJS-1213	Joystick Single axis Hall Effect



JOYSTICKS *Joysticks Manettes*

	Model	Axis		Model	Axis
SYJS-1041	Z-30/20N Z-34/22DC Z-34/22N Z-45/22DC	Single		SYJS-1048D	S-40 S-45 Z-45/22IC Z-45/25J IC Z-60/34 Swing Circuit Board Only
SYJS-1047	S-40 S-45 S-60 S-65 S-80 S-85 Z-34/22IC Z-45/22D Z-45/22DRT Z-45/25J IC Z-60/34	Single		SYJS-1050B	S-60 S-65 S-80 S-85 Mechanical Assembly Only
SYJS-1048B	S-40 S-45 Z-45/22IC Z-45/25J IC Z-60/34 Mechanical Assembly Only	Dual		SYJS-2082	S-60 S-65 S-80 S-85 Lift & Swing Circuit Board Only
SYJS-1048C	S-40 S-45 Z-45/22IC Z-45/25J IC Z-60/34 Lift Circuit Board Only	Lift		SYJS-1052	Z-45/22MP Single
					

	Model	Axis		Model	Axis
SYJS-1053	Z-34/22BI Z-34/22IC Z-45/22MP	Single		SYJS-1059	Z-43/22IC Single
					
SYJS-1056	GS-1530 GS-1930 GS-2032 GS-2046 GS-2632 GS-2646 GS-3246	Single		SYJS-1061	Z-30/20N Z-34/22BI Z-34/22DC Z-45/25J DC/BI Single
					
SYJS-1057	Z-45/22DC 4587 Z-45/22DC 4588 Z-45/22DC 4589 Z-45/22DC 4590 Z-45/22DC 4591 Z-45/22DC 4592 Z-45/22GP/RT 4587 Z-45/22GP/RT 4588 Z-45/22GP/RT 4589 Z-45/22GP/RT 4590 Z-45/22GP/RT 4591 Z-45/22GP/RT 4592	Single		SYJS-1064	GR-08 Runabout GR-12 Runabout GR-15 Runabout Single
					
SYJS-1058	GS-1530 GS-1930 GS-2032 GS-2046 GS-2632 GS-2646 GS-2668DC GS-2668RT GS-3246 GS-3268DC GS-3268RT GS-3384 GS-3390 GS-4390 GS-5390	Single		SYJS-1070	V-1832 V-1854 V-2470 Single
					

	Model	Axis
SYJS-1072	GR-12/15/20	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	
	GS-3268DC	
	GS-3268RT	
	GS-3369RT	
	GS-3384	
	GS-3390	
	GS-4069RT	
	GS-4390	
	GS-5390	
	GS-5390 SPECIAL	
	QS-12/15/20R	
	QS-12/15/20W	



	Model	Axis
SYJS-1073	TZ-50/30	Single



HALL EFFECT CONTROLLERS Controladores de Efecto Hall Contrôleurs à Effet Hall

	Model	Axis
SYJS-1071	S-40 Z-40/23N RJ	Single
	S-45 Z-40/30N	
	S-60 Z-45/25IC	
	S-65 Z-45/25J IC	
	S-80 Z-51/30J	
	S-85 Z-60/34	
	S-100 Z-80/60	
	S-105 Z-135/70	
	S-120	
	S-125	
SYJS-1212	S-40 S-3200	Dual
	S-45 S-3800	
	S-60 Z-45/25IC	
	S-65 Z-51/30J	
	S-80 Z-60/34	
	S-85 Z-80/60	
	S-100 Z-135/70	
	S-105 ZX-135/70	
	S-120	
	S-125	



	Model	Axis
SYJS-1213	S-40 S-125	Single
	S-45 S-3200	
	S-60 S-3800	
	S-65 Z-45/25IC	
	S-80 Z-51/30J	
	S-85 Z-60/34	
	S-100 Z-80/60	
	S-105 Z-135/70	
	S-120 ZX-135/70	



HALL EFFECT ADAPTER HARNESS

SYJS-2191



HALL EFFECT CONTROLLER UPGRADE KIT

Kits de Actualización del Controlador de Efecto Hall Kits de Mise a Niveau du Contrôleur à Effet Hall

- 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

	Model	Axis
SYJS-1066 	S-40	Z-51/30J
	S-45	Z-60/34
	S-60	Z-80/60
	S-65	
	S-100	
	S-105	
	S-120	
	S-125	
	Z-45/25IC	
	Z-45/25J IC	

	Model	Axis
SYJS-1208 	S-40	Z-51/30J
	S-45	Z-60/34
	S-60	Z-80/60
	S-65	
	S-100	
	S-105	
	S-120	
	S-125	
	Z-45/25IC	
	Z-45/25J IC	

	Model	Axis
SYJS-1068 	S-40	Z-51/30J
	S-45	Z-60/34
	S-60	Z-80/60
	S-65	
	S-100	
	S-105	
	S-120	
	S-125	
	Z-45/25IC	
	Z-45/25J IC	

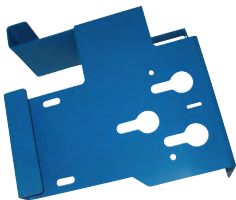
CONTROLLER BOX COIL CORDS *Cables de Bobina de la Caja del Controlador Cords de Bobine du Boîtier de Commande*

	Model	Connector
SY77936 	GS-1530	Cannon
	GS-1930	
	GS-2032	
	GS-2046	
	GS-2632	
	GS-2646	
	GS-2668DC	
	GS-3246	
	GS-3268DC	

	Model	Connector
SY77938 	GEN 5	Deutsch
	Control Boxes	

	Model	Connector
SY77937 	GS-1530	Cannon
	GS-1930	
	GS-2032	
	GS-2046	
	GS-2632	
	GS-2646	
	GS-2668DC	
	GS-3246	
	GS-3268DC	

CONTROLLER BOX KIT & PARTS *Kits y Piezas de la Caja del Controlador Boîtier d'ensemble et Pièces pour Contrôleur*

	Description		Description
SYJS-2172	GEN 5 ECU	SYJS-2245	GEN 5 Control Box Bracket
			
SYJS-2197	Update Kit - Complete Kit with ECU to Upgrade GEN 1 Thru GEN 4 Machines to GEN 5	SYJS-2246	GEN 5 Control Box Adapter Harness
			

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 resistant to water and dust
- Compact rugged mechanical controller design



FITS THE FOLLOWING MODELS:

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

Description	
SYJS-1233	Single axis Drive/steer Replaces 1600273; 1001118418





FEATURES:

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



FITS THE FOLLOWING MODELS:

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

Description	
SYJS-10361	Single axis Drive/steer Replaces 1600239 without ADE (Advanced Design Electronics) System

FEATURES:

- 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



FITS THE FOLLOWING MODELS:

1930; 2030; 2630; 2646; 3246 ES Series, 1932/3248 RS Series, 1230 ES

	Description
SYJS-1166	Joystick Single axis Drive/steer Hall Effect Replaces 1600345; 1600402; 100113443





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 resistant to water and dust
- One million cycle mechanical life
- Compact rugged mechanical controller design



FITS THE FOLLOWING MODELS:

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

	Description
SYJS-1234	Single axis Hall Effect Lift/swing Replaces 1600274; 1001118419

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 resistant to water and dust
- Compact rugged mechanical controller design



FITS THE FOLLOWING MODELS:

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

	Description
SYJS-1235	Joystick Single axis Hall Effect Drive/steer Replaces 1600318; 1001118416 with ADE (Advanced Design Electronics) System





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 resistant to water and dust
- Compact rugged mechanical controller design



FITS THE FOLLOWING MODELS:

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

	Description
SYJS-1015	Joystick Dual axis Hall Effect Lift/swing Replaces 1600317; 1001118417; 1001129555 with ADE (Advanced Design Electronics) System

FEATURES:

- 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 reliability
- 50% less moving parts
- Advanced handle centering technology



FITS THE FOLLOWING MODELS:

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

	Description
SYJS-10351	Dual axis Lift/swing Replaces 1600242 without ADE (Advanced Design Electronics) System





FEATURES:

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



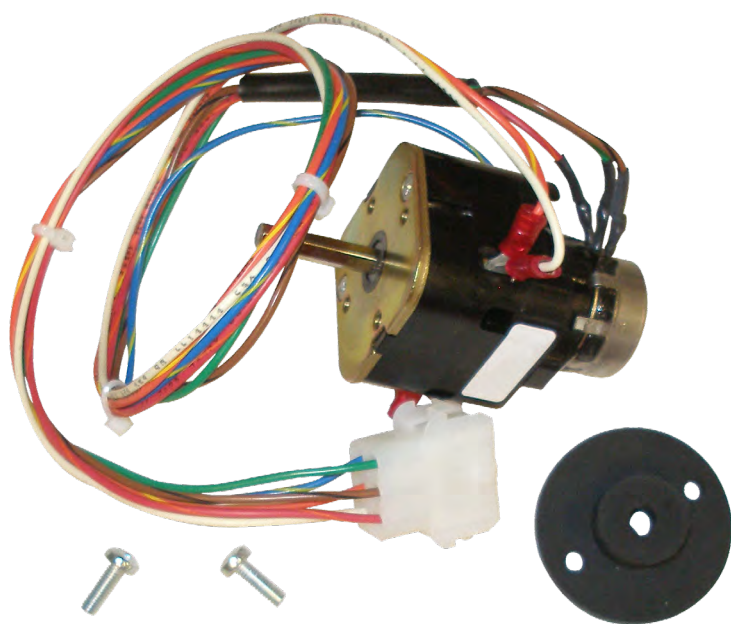
FITS THE FOLLOWING MODELS:

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

	Description
SY4360462	Rotary speed controller Boom functions

FEATURES:

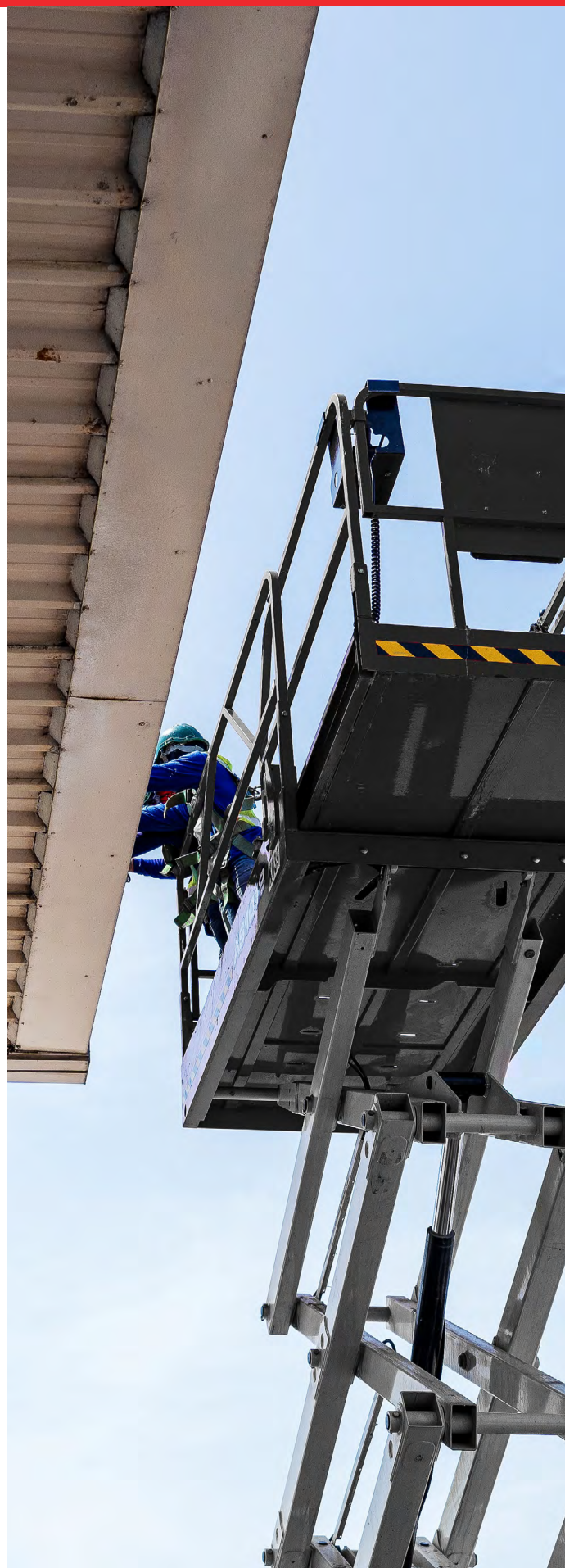
- Controlled output of threshold, maximum range, and ramp
- Maintained signal



FITS THE FOLLOWING MODELS:

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

	Description
SY96665	Rotary speed controller Boom functions



JOYSTICKS *Joysticks Manettes*

	Model	Axis		Model	Axis	
SYJS-1069	40H 45HA 60H 60HA 70H 80H/HX	Single		SYJS-1096	34HA	Single
SYJS-1092	60H 70H 80H	Single		SYJS-1098	45HA 60HA	Single
SYJS-1094	34HA 40HA	Single		SYJS-1099	40HA 120HX	Single
SYJS-1152	34HA 40HA	Single		SYJS-1100	40H 40HA 45HA 60H 60HA 70H 80H/HX 86HX 150HAX	Single

SYJS-1043



Model
40H
45HA
60H
60HA
70H
80H/HX
86HX
150HAX

Axis
Single

SYJS-1113



Model
40H/40H+6
45HA
60H/60H+6
60HA
70H
80H
80HX+6
86HX
100HX
100HX+10
110HX
110HXER

Axis
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
E300A/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/JJP
E300A/AJ/AJP

Single

	Model	Axis
SYJS-1013 	100SX	Single
	110SX/SXJ	
	120SXJ	
	450A/AJ	

	Model	Axis
SYJS-1036 	400S/SJ	Single
	460S/SJ	
	600A/AJ	
	600S/SJ	
	601S	
	660S/SJ	
	800A/AJ	

	Model	Axis
SYJS-1014 	450A Series II	Single
	510AJ	
	600A/AJ	
	600S/SJ	
	601S	
	660SJ	
	800A/AJ	
	800S	
	860SJ	
	1100SJ/P	
	1200/1350SJ/P	
	1250AJ/P	
	1500SJ	

	Model	Axis
SYJS-1038 	1532E	Single
	1932E	
	2033E	
	2046E	
	2646E	
	2658E	

	Model	Axis
SYJS-1015 	450A Series II	Single
	400S	
	460SJ	
	600A/AJ	
	600S/SJ	
	601S	
	660SJ/SJC	
	740AJ	
	800A/AJ	
	800S	
	860SJ	

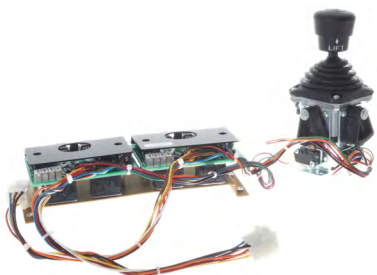
	Model	Axis
SYJS-1097 	CM1432	Single
	CM1432Plus	
	CM1732	
	CM2033	
	CM2046	
	CM2546	
	CM2558	

	Model	Axis
SYJS-1035 	400S/SJ	Dual
	460S/SJ	
	600A/AJ	
	600S/SJ	
	600SC/SJC	
	601S	
	660SJ/SJC	
	800A/AJ	

	Model	Axis
SYJS-1117 	120HX	Single

	Model	Axis		Model	Axis
SYJS-1101	CM2033 CM2046 CM2546 CM2558	Single		SYJS-1108	3369E 3969E
SYJS-1104	CM1432Plus CM1732 CM2033 CM2046 CM2546 CM2558	Single		SYJS-1110	26MRT
SYJS-1105	25RTS 33RTS 40RTS 400RTS 500RTS	Single		SYJS-1114	1532E 1932E 2033E 2046E 2646E 2658E
SYJS-1007	1932E2 2033E2 2046E2 2646E2 2658E2	Single			

	Model	Axis
SYJS-1118	450A/AJ Series I	Single



	Model	Axis
SYJS-1037	1532E2/E3 1932E2/E3 2032E2 2033E3 2046E2/E3 2632E2 2646E2/E3 2658E3 3246E2	Single



SYJS-1120	25RTS 33RTS 40RTS 400RTS 500RTS	Single
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SYJS-1166	1930ES 2030ES 2630ES 2646ES 3246ES	Single
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SYJS-1121	3369E 3969E	Single
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SYJS-1122	260MRT 330CRT 3369LE 400CRT 4069LE M3369 M4069	Single
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HALL EFFECT CONTROLLERS *Controladores de Efecto Hall* *Contrôleurs à Effet Hall*

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



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 resistant to water and dust
- Compact and rugged mechanical controller design



FITS THE FOLLOWING MODELS:

SJ-40/45T, SJ-46/51AJ, SJ-61/66T, SJ-63AJ, SJ-82/86T

	Description
SYJS-1288	Joystick Dual axis Lift/swing Hall Effect

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



FITS THE FOLLOWING MODELS:

SJIII 3015, SJIII 3215, SJIII 3219, SJIII 3220, SJIII 3226, SJIII 4620, SJIII 4626, SJIII 4632

	Description
SYJS-1019	Proportional Hall Effect





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



FITS THE FOLLOWING MODELS:

SJIII 3015, SJIII 3215, SJIII 3219, SJIII 3220, SJIII 3226, SJIII 4620, SJIII 4626, SJIII 4632, SJIII 6826E, SJIII 6832E

	Description
SYJS-159111	Joystick Single axis Drive/steer

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 resistant to water and dust
- Compact and rugged mechanical controller design



FITS THE FOLLOWING MODELS:

SJ46/51AJ

	Description
SY28-105858	Joystick Single axis Rise





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



FITS THE FOLLOWING MODELS:

SJ-6816/32RT, SJ-7127/35RT, SJ-8243RT, SJ-8831/41RT, SJ-8850RT, SJ-9241/50RT

	Description
SYJS-159109	Joystick 2/3 speed Hall Effect

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 resistant to water and dust
- Compact and rugged mechanical controller design



FITS THE FOLLOWING MODELS:

SJ-40/45T, SJ-46/51AJ, SJ-61/66T, SJ-63AJ, SJ-82/86T

	Description
SYJS-1227	Joystick Single axis Drive/steer Hall Effect



JOYSTICKS *Joysticks Manettes*

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

SKYJACK UPGRADE KIT *Kits de Actualización Skyjack Kits de Mise a Niveau Skyjack*

- 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	Old Style	Upgrade Kit	New Style	Axis
SYJS-1202	SYJS-1020	SYJS-1019	Single	SYJS-1124	SYJS-1021	SYJS-1125	Single
							



FITS THE FOLLOWING MODELS:

AB80J, AB85RJTB37, TB42J, TB47J, TB50

	Description
SYJS-1002	Lift/swing





FITS THE FOLLOWING MODELS:

SL-26 Diesel & Dual Fuel

	Description
SYJS-1012	Single axis Drive/steer

JOYSTICKS *Joysticks Manettes*

	Model	Axis		Model	Axis
SYJS-1000	LX31/41 Diesel (from 1000) LX31/41 Diesel LX31/41 Dual Fuel LX31/41 Gas LX50	Single/drive/steer		SYJS-1005	TB42/420150 Diesel Dual
SYJS-1001	TBA80A	Lift/swing		SYJS-1006	TBA80A Single
SYJS-1003	AB80J AB85RJ TB37 TB42(J) TB47J TB50	Drive/steer		SYJS-1008	SL20 Electric SL25 Electric Dual
SYJS-1004	UNO33E UNO41E TBA80 Gas	Single		SYJS-1009	SL15/19/20/25 S2033 S2545
					

SYJS-1010		Model AB46 I/C Diesel (from 1000) AB46 I/C Gas AB46 RT Diesel AB46 RT Gas	Axis Single	SYJS-1032		Model SL26/30N Diesel SL26/30N Gas SL26/30RT Diesel SL26/30RT Dual Fuel SL26/30RT Kohler Gas SL26/30RT Kubota Gas SL26/30SL Diesel SL26/30SL Dual Fuel SL26/30SL Kohler Gas SL26/30SL Kubota Gas	Axis Single
SYJS-1011		XL-D24D Electric	Single/drive/ Steer	SYJS-1034		X20W X26N X31N	Single/ Drive/steer Upgrade kit
SYJS-1022		MX19	Single/ Drive/steer Upgrade kit	SYJS-1132		S1930 SL19E	Single/drive/ Steer
SYJS-1030		SL20 Electric SL26/30N Electric	Single/drive/ Steer	SYJS-1135		TB37 TB42J Diesel	Single

SYJS-1136		Model UN33D/G 4X4 UNO41D/G 4X4 UNO41	Axis Single
SYJS-1140		Model AB46J-E AB50J	Axis Dual
SYJS-1137		Model AB60J TB60/TB66J TB80/TB85J O/A	Axis Drive/steer
SYJS-1144		Model LX31-LX41 Electric (from 4022 to 4390)	Axis Single/drive/ steer
SYJS-1138		Model AB60J TB60/TB66J TB80/TB85J O/A	Axis Lift/swing
SYJS-1145		Model SB80	Axis Dual
SYJS-1139		Model TB80/TB85/TB85J F/A TB80/TB85J O/A	Axis Single
SYJS-1157		Model S1930 SL19E	Axis Single/drive/ steer

	Model	Axis
SYJS-1160	AB46 Bi-Energy AB46 Electric	Single
		

	Model	Axis
SYJS-1165	AB62 Diesel (from 1100) AB62 Gas	Single
		

CONTROLLER BOXES Cajas de Control Boîtes de Contrôleur

	Make	Model
SYJS-1216	Genie	GEN 5 Control Box
		

	Make	Model
SYJS-1236	Skyjack	SJIII Proportional
		

SYJS-5031	JLG	E2/E3
		

SYJS-1237	Skyjack	SJIII Compact Series
		

SYJS-1123	Skyjack	SJII Series Non-Proportional
		

SYJS-5078	Skyjack	SJIII Series
		



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