

HUMCOENGINE CONTROLS

ZF Marine Handheld Remote



Handheld Remote

HANDHELD REMOTE	APPLICATIONS	PART NUMBER
HANDHELD SYSTEM, SINGLE SCREW, 50'	Note: Control Head Wire	1213-1
HANDHELD SYSTEM, SINGLE SCREW, 0 THRUSTER, 50'	Harness (part number 13557 or 14261) are	1213-1P*
HANDHELD SYSTEM, SINGLE SCREW, ONE THRUSTER, 50'	needed when ordering any	1443-1
HANDHELD SYSTEM, SINGLE SCREW, ONE THRUSTER, 50'	pluggable handheld remotes.	1443-1P*
HANDHELD SYSTEM, SINGLE SCREW, TWO THRUSTER, 50'		1444-1
HANDHELD SYSTEM, SINGLE SCREW, TWO THRUSTER, 50'		1444-1P*
HANDHELD SYSTEM, TWIN SCREW, 50'		1214-1
HANDHELD SYSTEM, TWIN SCREW, 0 THRUSTER, 50'		1214-1P*
HANDHELD SYSTEM, TWIN SCREW, ONE THRUSTER, 50'		1251-1
HANDHELD SYSTEM, TWIN SCREW, ONE THRUSTER, 50'		1251-1P*
HANDHELD SYSTEM, TWIN SCREW, TWO THRUSTER, 50'		1492-1
HANDHELD SYSTEM, TWIN SCREW, TWO THRUSTER, 50'		1492-1P*
HANDHELD SYSTEM, TWIN SCREW, TWO THRUSTER, 100'		1492-2
HANDHELD SYSTEM, TWIN SCREW, TWO THRUSTER, 100'		1492-2P*

^{*}Control Head Wire Harnesses (Part Number 13557 or 14261) are needed when ordering any pluggable handheld remote.



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HANDHELD REMOTE	APPLICATIONS	PART NUMBER
HANDHELD SYSTEM, TWIN SCREW, TWO THRUSTER, 150'	Note: Control Head Wire	1492-3
HANDHELD SYSTEM, TWIN SCREW, TWO THRUSTER, 150'	Harness (part number 13557 or 14261) are	1492-3P*
HANDHELD SYSTEM, SINGLE SCREW, 100'	needed when ordering any	1213-2
HANDHELD SYSTEM, SINGLE SCREW, 0 THRUSTER, 100'	pluggable handheld remotes.	1213-2P*
HANDHELD SYSTEM, SINGLE SCREW, 150'		1213-3
HANDHELD SYSTEM, SINGLE SCREW, 0 THRUSTER, 150'		1213-3P*
HANDHELD SYSTEM, TWIN SCREW, 100'		1214-2
HANDHELD SYSTEM, TWIN SCREW, 0 THRUSTER, 100'		1214-2P*
HANDHELD SYSTEM, TWIN SCREW, 150'		1214-3
HANDHELD SYSTEM, TWIN SCREW, 0 THRUSTER, 150'		1214-3P*
HANDHELD SYSTEM, TWIN SCREW, ONE THRUSTER, 100'		1251-2
HANDHELD SYSTEM, TWIN SCREW, ONE THRUSTER, 100'		1251-2P*
HANDHELD SYSTEM, TWIN SCREW, ONE THRUSTER, 150'		1251-3
HANDHELD SYSTEM, TWIN SCREW, ONE THRUSTER, 150'		1251-3P*

Note::

*Control Head Wire Harnesses (Part Number 13557 or 14261) are needed when ordering any pluggable handheld remote.



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HANDHELD REMOTE	APPLICATIONS	PART NUMBER
RECEPTACLE KIT - HANDHELD, SINGLE SCREW, 50 FT	Note: Control Head Wire	MS12631-50
RECEPTACLE KIT - HANDHELD, SINGLE SCREW, PLUG, 50 FT	Harness (part number 13557 or 14261) are	MS12631-50P*
RECEPTACLE KIT - HANDHELD, SINGLE SCREW, 100 FT	needed when ordering any	MS12631-100
RECEPTACLE KIT - HANDHELD, SINGLE SCREW, PLUG, 100 FT	pluggable handheld remotes.	MS12631-100P*
RECEPTACLE KIT - HANDHELD, SINGLE SCREW, 150 FT		MS12631-150
RECEPTACLE KIT - HANDHELD, SINGLE SCREW, PLUG, 150 FT		MS12631-150P*
RECEPTACLE KIT - HANDHELD, TWIN SCREW, 50 FT		MS12632-50
RECEPTACLE KIT - HANDHELD, TWIN SCREW, PLUG, 50 FT		MS12632-50P*
RECEPTACLE KIT - HANDHELD, TWIN, 100 FT		MS12632-100
RECEPTACLE KIT - HANDHELD, TWIN SCREW, PLUG, 100 FT		MS12632-100P*
RECEPTACLE KIT - HANDHELD, TWIN, 150 FT		MS12632-150
RECEPTACLE KIT - HANDHELD, TWIN SCREW, PLUG, 150 FT		MS12632-150P*
BRACKET ASSEMBLY, HANDHELD REMOTE STATION		1233
HANDHELD PLUG EXTENSION - SINGLE, 25 FT		MS12935
HANDHELD PLUG EXTENSION - TWIN, 25 FT		MS12772
HANDHELD, SMARTCOMMAND		TBD

Note::

*Control Head Wire Harnesses (Part Number 13557 or 14261) are needed when ordering any pluggable handheld remote.

HUMCOENGINE CONTROLS

ZF Marine Accessories



Accessories

ACCESSORIES	PART NUMBER
ENCLOSURE, WATERTIGHT FOR CONTROL HEADS	12110
WRIST STRAP, STATIC SENSITIVE	AWCC
RELAY KIT 12VDC IGNITION PROTECTED, UL 1500 APPROVED	1114H
RELAY KIT 24VDC IGNITION PROTECTED, UL 1500 APPROVED	1122H
CONTROL HEAD CONNECTOR KIT (TO MAKE 400, 2000 SERIES PLUGGABLE)	13787
CIRCUIT BREAKER, 10AMP UL1500	810ETA
MECHANICAL AUXILIARY CONTROL	900

CONTROL HEAD ACCESSORIES	PART NUMBER
PAD KIT WHITE BLANK	1002
PAD KIT BLACK BLANK	1003
PAD KIT WHITE MACHINED	1005
PAD KIT BLACK MACHINED	1006

Automatic Power Selector

Our automatic power selector, available with every ZF Marine Electronics, LLC electronic control system, automatically switches from one DC power source to another, giving a secondary power supply when needed. Operational with 12 or 24 volt batteries.



ZF Marine Wire Harnesses



SERIAL COMMUNICATION	APPLICATIONS	PART NUMBER	
WIRE HARNESS - SERIAL COMMUNICATION, 2 CONDUCTOR, 1 FT (,30m)	Needed for Troll and Sync	13316-1	
WIRE HARNESS - SERIAL COMMUNICATION, 2 CONDUCTOR, 3 FT (,91m)	785CE	13316-3	
WIRE HARNESS - SERIAL COMMUNICATION, 2 CONDUCTOR, 5 FT (1,52m)	9000 SERIES	13316-5	
WIRE HARNESS - SERIAL COMMUNICATION, 2 CONDUCTOR, 8 FT (2,44m)		13316-8	
WIRE HARNESS - SERIAL COMMUNICATION, 2 CONDUCTOR, 10 FT (3,05m)		13316-10	
WIRE HARNESS - SERIAL COMMUNICATION, 2 CONDUCTOR, 15 FT (4,57m)		13316-15	
WIRE HARNESS - SERIAL COMMUNICATION, 2 CONDUCTOR, 20 FT (6,10m)		13316-20	
WIRE HARNESS - SERIAL COMMUNICATION, 2 CONDUCTOR, 30 FT (9,14m)		13316-30	
WIRE HARNESS - SERIAL COMMUNICATION, 2 CONDUCTOR, 35 FT (10,67m)		13316-35	
WIRE HARNESS - SERIAL COMMUNICATION, 2 CONDUCTOR, 40 FT (12,19m)		13316-40	
WIRE HARNESS - SERIAL COMMUNICATION, 2 CONDUCTOR, 50 FT (15,24m)		13316-50	
WIRE HARNESS - SERIAL COMMUNICATION, 2 CONDUCTOR, 60 FT (18,29m)		13316-60	
WIRE HARNESS - SERIAL COMMUNICATION, 2 CONDUCTOR, 70 FT (21,33m)		13316-70	
WIRE HARNESS - SERIAL COMMUNICATION, 2 CONDUCTOR, 80 FT (24,38m)		13316-80	
WIRE HARNESS - SERIAL COMMUNICATION, 2 CONDUCTOR, 90 FT (27,43m)		13316-90	
WIRE HARNESS - SERIAL COMMUNICATION, 2 CONDUCTOR, 100 FT (30,48m)		13316-100	

SERIAL COMMUNICATION, MULTI SCREW	APPLICATIONS	PART NUMBER	
WIRE HARNESS - SERIAL COMMUNICATION, MULTI SCREW, 3 FT (,91m)	785CE 9000 SERIES	15544-3	
WIRE HARNESS - SERIAL COMMUNICATION, MULTI SCREW, 10 FT (3,05m)		15544-10	
WIRE HARNESS - SERIAL COMMUNICATION, MULTI SCREW, 15 FT (4,57m)		15544-15	
WIRE HARNESS - SERIAL COMMUNICATION, MULTI SCREW, 20 FT (6,10m)		15544-20	

ZF Marine Wire Harnesses



SERIAL COMMUNICATION, MULTI SCREW	APPLICATIONS	PART NUMBER
WIRE HARNESS - SERIAL COMMUNICATION, MULTI SCREW, 30 FT (9,14m)	785CE 9000 SERIES	15544-30
WIRE HARNESS - SERIAL COMMUNICATION, MULTI SCREW, 40 FT (12.19m)		15544-40

THROTTLE HARNESS - VOLTAGE	APPLICATIONS	PART NUMBER
WIRE HARNESS - THROTTLE, VOLTAGE, 10 FT (3,05m)	785CE 92XX SC5000 SERIES	13432-10
WIRE HARNESS - THROTTLE, VOLTAGE, 15 FT (4,57m)		13432-15
WIRE HARNESS - THROTTLE, VOLTAGE, 20 FT (6,10m)		13432-20
WIRE HARNESS - THROTTLE, VOLTAGE, 30 FT (9,14m)		13432-30
WIRE HARNESS - THROTTLE, VOLTAGE, 40 FT (12,19m)		13432-40
WIRE HARNESS - THROTTLE, VOLTAGE, 50 FT (15,24m)		13432-50

THROTTLE HARNESS - CURRENT	APPLICATIONS	PART NUMBER
WIRE HARNESS - THROTTLE, CURRENT, 10 FT (3,05m)	785CE 92XX SC5000 SERIES	13494-10
WIRE HARNESS - THROTTLE, CURRENT, 15 FT (4,57m)		13494-15
WIRE HARNESS - THROTTLE, CURRENT, 20 FT (6,10m)		13494-20
WIRE HARNESS - THROTTLE, CURRENT, 25 FT (7,62m)		13494-25
WIRE HARNESS - THROTTLE, CURRENT, 30 FT (9,14m)		13494-30
WIRE HARNESS - THROTTLE, CURRENT, 40 FT (12,19m)		13494-40
WIRE HARNESS - THROTTLE, CURRENT, 50 FT (15,24m)		13494-50

THROTTLE HARNESS - VOLTAGE (CUMMINS PLUG)	APPLICATIONS	PART NUMBER
WIRE HARNESS - THROTTLE, VOLTAGE, 10 FT (3,05m)	785CE 92XX	13565-10
WIRE HARNESS - THROTTLE, VOLTAGE, 15 FT (4,57m)	SC5000 SERIES	13565-15
WIRE HARNESS - THROTTLE, VOLTAGE, 20 FT (6,10m)		13565-20



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THROTTLE HARNESS - VOLTAGE (CUMMINS PLUG)	APPLICATIONS	PART NUMBER
WIRE HARNESS - THROTTLE, VOLTAGE, 30 FT (9,14m)	785CE 92XX	13565-30
WIRE HARNESS - THROTTLE, VOLTAGE, 50 FT (15,24m)	SC5000 SERIES	13565-50

THROTTLE HARNESS - VOLTAGE (JOHN DEERE PLUG)	APPLICATIONS	PART NUMBER
WIRE HARNESS - THROTTLE, VOLTAGE, JOHN DEERE, 10 FT (3,05m)	785CE 92XX	14148-10
WIRE HARNESS - THROTTLE, VOLTAGE, JOHN DEERE, 20 FT (6,10m)	SC5000 SERIES	14148-20
WIRE HARNESS - THROTTLE, VOLTAGE, JOHN DEERE, 30 FT (9,14m)		14148-30

THROTTLE HARNESS - PULSE WIDTH MODULATION (PWM), (CAT)	APPLICATIONS	PART NUMBER
WIRE HARNESS - THROTTLE, PWM, 10 FT (3,05m)	785CE 92XX	13533-10
WIRE HARNESS - THROTTLE, PWM, 15 FT (4,57m)	SC5000 SERIES	13533-15
WIRE HARNESS - THROTTLE, PWM, 20 FT (6,10m)		13533-20
WIRE HARNESS - THROTTLE, PWM, 30 FT (9,14m)		13533-30
WIRE HARNESS - THROTTLE, PWM, 35 FT (10,67m)		13533-35
WIRE HARNESS - THROTTLE, PWM, 40 FT (12,19m)		13533-40
WIRE HARNESS - THROTTLE, PWM, 45 FT (13,72m)		13533-45
WIRE HARNESS - THROTTLE, PWM, 50 FT (15,24m)		13533-50
WIRE HARNESS - THROTTLE, PWM, 60 FT (18,29m)		13533-60
WIRE HARNESS - THROTTLE, PWM, 65 FT (19,81m)		13533-65
WIRE HARNESS - THROTTLE, PWM, 70 FT (21,33m)		13533-70
WIRE HARNESS - THROTTLE, PWM, 80 FT (24,38m)		13533-80



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THROTTLE HARNESS - MAN EDC	APPLICATIONS	PART NUMBER
THROTTLE WIRE HARNESS - MAN EDC, 4 FT (1,23m)	9000 SERIES 785CE SC5000 SERIES	14421-4
THROTTLE WIRE HARNESS - MAN EDC, 5 FT (1,52m)	OCOUNT SETTIES	14421-5
THROTTLE WIRE HARNESS - MAN EDC, 6 FT (1,85m)		14421-6
THROTTLE WIRE HARNESS - MAN EDC, 8 FT (2,46m)		14421-8
THROTTLE WIRE HARNESS - MAN EDC, 10 FT (3,05m)		14421-10
THROTTLE WIRE HARNESS - MAN EDC, 15 FT (4,57m)		14421-15
THROTTLE WIRE HARNESS - MAN EDC, 20 FT (6,10m)		14421-20
THROTTLE WIRE HARNESS - MAN EDC, 25 FT (7,62m)		14421-25
THROTTLE WIRE HARNESS - MAN EDC, 30 FT (9,14m)		14421-30

THROTTLE HARNESS - MAGNETIC PICKUP: (MAN)	APPLICATIONS	PART NUMBER
THROTTLE/MAG PICKUP WIRE HARNESS, MAN, 5 FT (1,52m)	785CE 92XX	14363-5
THROTTLE/MAG PICKUP WIRE HARNESS, MAN, 7 FT (2,15m)		14363-7
THROTTLE/MAG PICKUP WIRE HARNESS, MAN, 10 FT (3,05m)		14363-10
THROTTLE/MAG PICKUP WIRE HARNESS, MAN, 15 FT (4,57m)		14363-15
THROTTLE/MAG PICKUP WIRE HARNESS, MAN, 20 FT (6,10m)		14363-20
THROTTLE/MAG PICKUP WIRE HARNESS, MAN, 25 FT (7,62m)		14363-25
THROTTLE/MAG PICKUP WIRE HARNESS, MAN, 30 FT (9,14m)		14363-30
THROTTLE/MAG PICKUP WIRE HARNESS, MAN, 40 FT (12,19m)		14363-40
THROTTLE/MAG PICKUP WIRE HARNESS, MAN, 50 FT (15,24m)		14363-50
THROTTLE/MAG PICKUP WIRE HARNESS, MAN, 65 FT (19,81m)		14363-65



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TACHOMETER FEEDBACK WITH 3 PIN PLUG	APPLICATIONS	PART NUMBER
WIRE HARNESS - TACHOMETER SENSOR WITH 3 PIN PLUG, 10 FT (3,05m)	785CE 9000 SERIES	13334-10
WIRE HARNESS - TACHOMETER SENSOR WITH 3 PIN PLUG, 20 FT (6,10m)		13334-20
WIRE HARNESS - TACHOMETER SENSOR WITH 3 PIN PLUG, 30 FT (9,14m)		13334-30
WIRE HARNESS - TACHOMETER SENSOR WITH 3 PIN PLUG, 60 FT (18,29m)		13334-60

TACHOMETER FEEDBACK WITH POWER	APPLICATIONS	PART NUMBER
WIRE HARNESS - TACHOMETER (CRUISE), 10 FT (3,05m), WITH 10 FT (3,05m), POWER	785CE 9000 SERIES	16198-10/10P
WIRE HARNESS - TACHOMETER (CRUISE), 15 FT (4,57m) WITH 40 FT (12,19m), POWER		16198-15/40P
WIRE HARNESS - TACHOMETER (CRUISE), 20 FT (6,10m), WITH 40 FT (12,19m), POWER		16198-20/40P
WIRE HARNESS - TACHOMETER (CRUISE), 30 FT (9,14m), WITH 30 FT (9,14m), POWER		16198-30/30P
WIRE HARNESS - TACHOMETER (CRUISE), 30 FT (9,14m), WITH 40 FT (12,19m), POWER		16198-30/40P

TACHOMETER FEEDBACK - MAGNETIC PICKUP OR PULSE TRANSMITTER	APPLICATIONS	PART NUMBER
WIRE HARNESS - TACHOMETER SENSOR, 10 FT (3,05m)	785CE 9000 SERIES	13239-10
WIRE HARNESS - TACHOMETER SENSOR, 15 FT (4,57m)		13239-15
WIRE HARNESS - TACHOMETER SENSOR, 20 FT (6,10m)		13239-20
WIRE HARNESS - TACHOMETER SENSOR, 30 FT (9,14m)		13239-30
WIRE HARNESS - TACHOMETER SENSOR, 40 FT (12,19m)		13239-40

CLUTCH AHEAD / ASTERN WIRE HARNESS	APPLICATIONS	PART NUMBER
WIRE HARNESS - CLUTCH AHEAD, ASTERN, 10 FT (3,05m)	9X20 9X21	15719-10
WIRE HARNESS - CLUTCH AHEAD, ASTERN, 20 FT (6,10m)	SC5000 SERIES	15719-20
WIRE HARNESS - CLUTCH AHEAD, ASTERN, 30 FT (9,14m)		15719-30
WIRE HARNESS - CLUTCH AHEAD, ASTERN, 40 FT (12,19m)		15719-40

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CLUTCH AHEAD / ASTERN WIRE HARNESS	APPLICATIONS	PART NUMBER
WIRE HARNESS - CLUTCH AHEAD, ASTERN, 50 FT (15,24m)	9X20 9X21	15719-50
WIRE HARNESS - CLUTCH AHEAD, ASTERN, 60 FT (18,29m)	SC5000 SERIES	15719-60

CLUTCH-AHEAD / ASTERN / TROLL / TROLL COMMAND WIRE HARNESS	APPLICATIONS	PART NUMBER
WIRE HARNESS - CLUTCHES WITH TROLL, 10 FT (3,05m)	9X22 SC5000 SERIES	15725-10
WIRE HARNESS - CLUTCHES WITH TROLL, 20 FT (6,10m)	ZF 670 SERIES AND UP	15725-20
WIRE HARNESS - CLUTCHES WITH TROLL, 30 FT (9,14m)		15725-30
WIRE HARNESS - CLUTCHES WITH TROLL, 40 FT (12,19m)		15725-40
WIRE HARNESS - CLUTCHES WITH TROLL, 50 FT (15,24m)		15725-50
WIRE HARNESS - CLUTCHES WITH TROLL, 60 FT (18,29m)		15725-60

CLUTCH-AHEAD / ASTERN / TROLL COMMAND WIRE HARNESS	APPLICATIONS	PART NUMBER
WIRE HARNESS - CLUTCH, TROLL COMMAND, 10 FT (3,05m)	9X22 SC5000 SERIES	15732-10
WIRE HARNESS - CLUTCH, TROLL COMMAND, 20 FT (6,10m)	ZF 280-550 IRM	15732-20
WIRE HARNESS - CLUTCH, TROLL COMMAND, 30 FT (9,14m)		15732-30
WIRE HARNESS - CLUTCH, TROLL COMMAND, 40 FT (12,19m)		15732-40
WIRE HARNESS - CLUTCH, TROLL COMMAND, 50 FT (15,24m)		15732-50
WIRE HARNESS - CLUTCH, TROLL COMMAND, 60 FT (18,29m)		15732-60

CLUTCH-AHEAD / ASTERN / CLUTCH POWER WIRE HARNESS	APPLICATIONS	PART NUMBER
WIRE HARNESS - AHEAD, ASTERN CLUTCHES, 10 FT (3,05m)	785CE	13322-10
WIRE HARNESS - AHEAD, ASTERN CLUTCHES, 15 FT (4,57m)		13322-15
WIRE HARNESS - AHEAD, ASTERN CLUTCHES, 20 FT (6,10m)		13322-20



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CLUTCH-AHEAD / ASTERN / CLUTCH POWER WIRE HARNESS	APPLICATIONS	PART NUMBER
WIRE HARNESS - AHEAD, ASTERN CLUTCHES, 25 FT (7,62m)	785CE	13322-25
WIRE HARNESS - AHEAD, ASTERN CLUTCHES, 30 FT (9,14m)		13322-30
WIRE HARNESS - AHEAD, ASTERN CLUTCHES, 35 FT (10,67m)		13322-35
WIRE HARNESS - AHEAD, ASTERN CLUTCHES, 40 FT (12,19m) (24V ONLY)		13322-40
WIRE HARNESS - AHEAD, ASTERN CLUTCHES, 50 FT (15,24m) (24V ONLY)		13322-50
WIRE HARNESS - AHEAD, ASTERN CLUTCHES, 60 FT (18,29m) (24V ONLY)		13322-60
WIRE HARNESS - AHEAD, ASTERN CLUTCHES, 70 FT (21,33m) (24VDC, 2A MAX)		13322-70

CLUTCH-AHEAD / ASTERN / NEUTRAL / CLUTCH POWER WIRE HARNESS	APPLICATIONS	PART NUMBER
WIRE HARNESS - AHEAD, ASTERN, NEUTRAL CLUTCHES, 10 FT (3,05m)	785CE	13324-10
WIRE HARNESS - AHEAD, ASTERN, NEUTRAL CLUTCHES, 20 FT (6,10m)		13324-20
WIRE HARNESS - AHEAD, ASTERN, NEUTRAL CLUTCHES, 30 FT (9,14m)		13324-30
WIRE HARNESS - AHEAD, ASTERN, NEUTRAL CLUTCHES, 40 FT (12,19m) (24V ONLY)		13324-40
WIRE HARNESS - AHEAD, ASTERN, NEUTRAL CLUTCHES, 50 FT (15,24m) (24V ONLY)		13324-50
WIRE HARNESS - AHEAD, ASTERN, NEUTRAL CLUTCHES, 60 FT (18,29m) (24V ONLY)		13324-60

CLUTCH-AHEAD / ASTERN / TROLL / TROLL COMMAND / CLUTCH POWER WIRE HARNESS	APPLICATIONS	PART NUMBER
WIRE HARNESS - CLUTCHES WITH TROLL, 10 FT (3,05m)	785CE 4 Solenoids (if Troll	13240-10
WIRE HARNESS - CLUTCHES WITH TROLL, 15 FT (4,57m)	selector switch)	13240-15
WIRE HARNESS - CLUTCHES WITH TROLL, 20 FT (6,10m)		13240-20
WIRE HARNESS - CLUTCHES WITH TROLL, 30 FT (9,14m)		13240-30
WIRE HARNESS - CLUTCHES WITH TROLL, 40 FT (12,19m) (24V ONLY)		13240-40

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CLUTCH-AHEAD / ASTERN / TROLL / TROLL COMMAND / CLUTCH POWER WIRE HARNESS	APPLICATIONS	PART NUMBER
WIRE HARNESS - CLUTCHES WITH TROLL, 50 FT (15,24m) (24V ONLY)	785CE 4 Solenoids (if Troll	13240-50
WIRE HARNESS - CLUTCHES WITH TROLL, 60 FT (18,29m) (24V ONLY)	selector switch)	13240-60

CLUTCH-AHEAD / ASTERN / TROLL COMMAND / CLUTCH POWER WIRE HARNESS	APPLICATIONS	PART NUMBER
CLUTCH POWER WIRE HARNESS WITH TROLL COMMAND, 10 FT (3,05m)	785CE 3 Solenoids	14310-10
CLUTCH POWER WIRE HARNESS WITH TROLL COMMAND, 15 FT (4,57m)		14310-15
CLUTCH POWER WIRE HARNESS WITH TROLL COMMAND, 20 FT (6,10m)		14310-20
CLUTCH POWER WIRE HARNESS WITH TROLL COMMAND, 30 FT (9,14m)		14310-30
CLUTCH POWER WIRE HARNESS WITH TROLL COMMAND, 40 FT (12,19m) (24V ONLY)		14310-40
CLUTCH POWER WIRE HARNESS WITH TROLL COMMAND, 50 FT (15,24m) (24V ONLY)		14310-50
CLUTCH POWER WIRE HARNESS WITH TROLL COMMAND, 60 FT (18,29m) (24V ONLY)		14310-60

2-SPEED CLUTCH WIRE HARNESS	APPLICATIONS	PART NUMBER
WIRE HARNESS - 2 SPEED CLUTCH, 10 FT (3,05m)		14152-10
WIRE HARNESS - 2 SPEED CLUTCH, 20 FT (6,10m)		14152-20
WIRE HARNESS - 2 SPEED CLUTCH, 30 FT (9,14m)		14152-30

ZF AUTOTROLL (WITH HARTING CONNECTOR FOR GEAR CONNECTION)	APPLICATIONS	PART NUMBER
WIRE HARNESS - ZF AUTOTROLL (9000), HARTING, 10 FT (3,05m)	9X23	15208-10
WIRE HARNESS - ZF AUTOTROLL (9000), HARTING, 15 FT (4,57m)		15208-15
WIRE HARNESS - ZF AUTOTROLL (9000), HARTING, 20 FT (6,10m)		15208-20
WIRE HARNESS - ZF AUTOTROLL (9000), HARTING, 30 FT (9,14m)		15208-30
WIRE HARNESS - ZF AUTOTROLL (9000), HARTING, 40 FT (12,19m)		15208-40



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ZF AUTOTROLL (WITH HARTING CONNECTOR FOR GEAR CONNECTION)	APPLICATIONS	PART NUMBER
WIRE HARNESS - ZF AUTOTROLL (9000), HARTING, 50 FT (15,24m)	9X23	15208-50
WIRE HARNESS - ZF AUTOTROLL (9000), HARTING, 60 FT (18,29m)		15208-60
WIRE HARNESS - ZF AUTOTROLL (9000), HARTING, 70 FT (21,33m)		15208-70

ZF AUTOTROLL (WITH CANNON CONNECTOR FOR GEAR CONNECTION)	APPLICATIONS	PART NUMBER
WIRE HARNESS - ZF AUTOTROLL, FCI & CANNON, 10 FT (3,05m)	9X23	15364-10
WIRE HARNESS - ZF AUTOTROLL, FCI & CANNON, 15 FT (4,57m)		15364-15
WIRE HARNESS - ZF AUTOTROLL, FCI & CANNON, 20 FT (6,10m)		15364-20
WIRE HARNESS - ZF AUTOTROLL, FCI & CANNON, 30 FT (9,14m)		15364-30
WIRE HARNESS - ZF AUTOTROLL, FCI & CANNON, 40 FT (12,19m)		15364-40
WIRE HARNESS - ZF AUTOTROLL, FCI & CANNON, 50 FT (15,24m)		15364-50
WIRE HARNESS - ZF AUTOTROLL, FCI & CANNON, 60 FT (18,29m)		15364-60
WIRE HARNESS - ZF AUTOTROLL, FCI & CANNON, 70 FT (21,33m)		15364-70

ICATIONS	PART NUMBER
85CE SERIES	13756-10
SC5000 SERIES	13756-15
	13756-20
	13756-25
	13756-30
	13756-35
	13756-40
	13756-45
	SERIES

HUMCOENGINE CONTROLS

ZF Marine Wire Harnesses



POWER / START INTERLOCK WIRE HARNESS	APPLICATIONS	PART NUMBER
WIRE HARNESS - POWER, START INTERLOCK, 50 FT (15,24m) (24V ONLY)	785CE 9000 SERIES	13756-50
WIRE HARNESS - POWER, START INTERLOCK, 55 FT (16,76m) (24V ONLY)	SC5000 SERIES	13756-55
WIRE HARNESS - POWER, START INTERLOCK, 60 FT (18,29m) (24V ONLY)		13756-60
WIRE HARNESS - POWER, START INTERLOCK, 70 FT (21,33m) (24V ONLY)		13756-70

POWER / START INTERLOCK CABLE / CLUTCH PRESSURE	APPLICATIONS	PART NUMBER
WIRE HARNESS - POWER, START INTERLOCK, PRESSURE SWITCH, 10 FT (3,05m)	785CE 9000 SERIES	13552-10
WIRE HARNESS - POWER, START INTERLOCK, PRESSURE SWITCH, 15 FT (4,57m)	SC5000 SERIES	13552-15
WIRE HARNESS - POWER, START INTERLOCK, PRESSURE SWITCH, 20 FT (6,10m)		13552-20
WIRE HARNESS - POWER, START INTERLOCK, PRESSURE SWITCH, 30 FT (9,14m)		13552-30
WIRE HARNESS - POWER, START INTERLOCK, PRESSURE SWITCH, 40 FT (12,19m) (24 VOLT ONLY)		13552-40
WIRE HARNESS - POWER, START INTERLOCK, PRESSURE SWITCH, 50 FT (15,24m) (24 VOLT ONLY)		13552-50
WIRE HARNESS - POWER, START INTERLOCK, PRESSURE SWITCH, 60 FT (18,29m) (24 VOLT ONLY)		13552-60

POWER / START INTERLOCK CABLE / CLUTCH PRESSURE / ALARM CIRCUIT	APPLICATIONS	PART NUMBER
WIRE HARNESS - POWER, START INTERLOCK, CLUTCH PRESSURE SWITCH, ALARM, 10 FT (3,05m)	785CE 9000 SERIES	13631-10
WIRE HARNESS - POWER, START INTERLOCK, CLUTCH PRESSURE SWITCH, ALARM, 15 FT (4,57m)	SC5000 SERIES	13631-15
WIRE HARNESS - POWER, START INTERLOCK, CLUTCH PRESSURE SWITCH, ALARM, 20 FT (6,10m)		13631-20
WIRE HARNESS - POWER, START INTERLOCK, CLUTCH PRESSURE SWITCH, ALARM, 30 FT (9,14m)		13631-30
WIRE HARNESS - POWER, START INTERLOCK, CLUTCH PRESSURE SWITCH, ALARM, 40 FT (12,19m) (24 VOLT ONLY)		13631-40
WIRE HARNESS - POWER, START INTERLOCK, CLUTCH PRESSURE SWITCH, ALARM, 50 FT (15,24m) (24 VOLT ONLY)		13631-50
WIRE HARNESS - POWER, START INTERLOCK, CLUTCH PRESSURE SWITCH, ALARM, 60 FT (18,29m) (24 VOLT ONLY)		13631-60
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HUMCOENGINE CONTROLS

ZF Marine Wire Harnesses



CONTROL HEAD WIRE HARNESS, ONE CONNECTOR	APPLICATIONS	PART NUMBER
WIRE HARNESS - CONTROL HEAD, ONE CONNECTOR, 1 FT (,30m)	785CE 9000 SERIES	13557-1
WIRE HARNESS - CONTROL HEAD, ONE CONNECTOR, 5 FT (1,52m)		13557-5
WIRE HARNESS - CONTROL HEAD, ONE CONNECTOR, 10 FT (3,05m)		13557-10
WIRE HARNESS - CONTROL HEAD, ONE CONNECTOR, 20 FT (6,10m)		13557-20
WIRE HARNESS - CONTROL HEAD, ONE CONNECTOR, 30 FT (9,14m)		13557-30
WIRE HARNESS - CONTROL HEAD, ONE CONNECTOR, 40 FT (12,19m)		13557-40
WIRE HARNESS - CONTROL HEAD, ONE CONNECTOR, 50 FT (15,24m)		13557-50
WIRE HARNESS - CONTROL HEAD, ONE CONNECTOR, 60 FT (18,29m)		13557-60
WIRE HARNESS - CONTROL HEAD, ONE CONNECTOR, 70 FT (21,33m)		13557-70
WIRE HARNESS - CONTROL HEAD, ONE CONNECTOR, 80 FT (24,38m)		13557-80
WIRE HARNESS - CONTROL HEAD, ONE CONNECTOR, 90 FT (27,43m)		13557-90
WIRE HARNESS - CONTROL HEAD, ONE CONNECTOR, 100 FT (30,48m)		13557-100

CONTROL HEAD WIRE HARNESS, TWO CONNECTORS	APPLICATIONS	PART NUMBER
CONTROL HEAD WIRE HARNESS, DOUBLE ENDED, 5 FT (1,52m)	785CE 9000 SERIES	14261-5
CONTROL HEAD WIRE HARNESS, DOUBLE ENDED, 10 FT (3,05m)		14261-10
CONTROL HEAD WIRE HARNESS, DOUBLE ENDED, 15 FT (4,57m)		14261-15
CONTROL HEAD WIRE HARNESS, DOUBLE ENDED, 20 FT (6,10m)		14261-20
CONTROL HEAD WIRE HARNESS, DOUBLE ENDED, 25 FT (7,62m)		14261-25
CONTROL HEAD WIRE HARNESS, DOUBLE ENDED, 30 FT (9,14m)		14261-30
CONTROL HEAD WIRE HARNESS, DOUBLE ENDED, 35 FT (10,67m)		14261-35
CONTROL HEAD WIRE HARNESS, DOUBLE ENDED, 40 FT (12,19m)		14261-40
CONTROL HEAD WIRE HARNESS, DOUBLE ENDED, 45 FT (13,72m)		14261-45

ZF Marine Wire Harnesses



CONTROL HEAD WIRE HARNESS, TWO CONNECTORS	APPLICATIONS	PART NUMBER
CONTROL HEAD WIRE HARNESS, DOUBLE ENDED, 50 FT (15,24m)	785CE 9000 SERIES	14261-50
CONTROL HEAD WIRE HARNESS, DOUBLE ENDED, 60 FT (18,29m)		14261-60
CONTROL HEAD WIRE HARNESS, DOUBLE ENDED, 70 FT (21,33m)		14261-70
CONTROL HEAD WIRE HARNESS, DOUBLE ENDED, 75 FT (22,86m)		14261-75
CONTROL HEAD WIRE HARNESS, DOUBLE ENDED, 80 FT (24,38m)		14261-80
CONTROL HEAD WIRE HARNESS, DOUBLE ENDED, 90 FT (27,43m)		14261-90
CONTROL HEAD WIRE HARNESS, DOUBLE ENDED, 100 FT (30,48m)		14261-100

WIRE HARNESS - CANTRAK ISO CANbus	APPLICATIONS	PART NUMBER
WIRE HARNESS - CANTRAK SERIAL, (MICRO/CLEAR/ CRUISECOMMAND ONLY), 10 FT (3,05m)	785CE 9000 SERIES	70422-10
WIRE HARNESS - CANTRAK SERIAL, (MICRO/CLEAR/ CRUISECOMMAND ONLY), 20 FT (6,10m)		70422-20
WIRE HARNESS - CANTRAK SERIAL, (MICRO/CLEAR/ CRUISECOMMAND ONLY), 30 FT (9,14m)		70422-30
WIRE HARNESS - CANTRAK SERIAL, (MICRO/CLEAR/ CRUISECOMMAND ONLY), 40 FT (12,19m)		70422-40
WIRE HARNESS - CANTRAK SERIAL, (MICRO/CLEAR/ CRUISECOMMAND ONLY), 50 FT (15,24m)		70422-50
WIRE HARNESS - CANTRAK SERIAL, (MICRO/CLEAR/ CRUISECOMMAND ONLY), 60 FT (18,29m)		70422-60
WIRE HARNESS - CANTRAK SERIAL, (MICRO/CLEAR/ CRUISECOMMAND ONLY), 70 FT (21,33m)		70422-70
WIRE HARNESS - CANTRAK SERIAL, (MICRO/CLEAR/ CRUISECOMMAND ONLY), 80 FT (24,38m)		70422-80
WIRE HARNESS - CANTRAK SERIAL, (MICRO/CLEAR/ CRUISECOMMAND ONLY), 90 FT (27,43m)		70422-90
WIRE HARNESS - CANTRAK SERIAL, (MICRO/CLEAR/ CRUISECOMMAND ONLY), 100 FT (30,48m)		70422-100

CONTROL HEAD CABLE KIT	APPLICATIONS	PART NUMBER
CONTROL HEAD CONNECTOR KIT WITH FORK TERMINALS	785CE 9000 SERIES	13787