



CABLING GUIDE

EZ-Guide® 500 Lightbar Guidance System

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EZ-Guide[®] 500 Lightbar Guidance System

Version 2.00
Revision B
Part Number 66021-80-ENG
July 2008

Contact Information

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Legal Notices

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This product is covered by the following patents: 5,311,149, 5,369,589, 5,987,383, 6,252,863, 5,402,450, 5,493,588, and 6,463,374. Other patents pending.

Release Notice

This is the July 2008 release (Revision B) of the *EZ-Guide 500 Lightbar Guidance System Cabling Guide*. It applies to version 2.00 of the EZ-Guide 500 firmware.

LIMITED WARRANTY TERMS AND CONDITIONS

Product Limited Warranty

Trimble Navigation Limited ("Trimble") warrants that this product and its internal components (the "Product") shall be free from defects in materials and workmanship and will substantially conform to Trimble's applicable published specifications for the Product for a period of two (2) years, starting from the earlier of (i) the date of installation, or (ii) six (6) months from the date of original Product shipment from Trimble.

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Product software, whether built into hardware circuitry as firmware, provided as a standalone computer software product, embedded in flash memory, or stored on magnetic or other media, is licensed solely for use with or as an integral part of the Product and is not sold. If accompanied by a separate end user license agreement ("EULA"), use of any such software will be subject to the terms of such end user license agreement (including any differing limited warranty terms, exclusions, and limitations), which shall control over the terms and conditions set forth in this limited warranty.

Software Fixes

During the limited warranty period you will be entitled to receive such Fixes to the Product software that Trimble releases and makes commercially available and for which it does not charge separately, subject to the procedures for delivery to purchasers of Trimble products generally. If you have purchased the Product from an authorized Trimble dealer rather than from Trimble directly, Trimble may, at its option, forward the software Fix to the Trimble dealer for final distribution to you. Minor Updates, Major Upgrades, new products, or substantially new software releases, as identified by Trimble, are expressly excluded from this update process and limited warranty. Receipt of software Fixes or other enhancements shall not serve to extend the limited warranty period.

For purposes of this warranty the following definitions shall apply: (1) "Fix(es)" means an error correction or other update created to fix a previous software version that does not substantially conform to its Trimble specifications; (2) "Minor Update" occurs when enhancements are made to current features in a software program; and (3) "Major Upgrade" occurs when significant new features are added to software, or when a new product containing new features replaces the further development of a current product line. Trimble reserves the right to determine, in its sole discretion, what constitutes a Fix, Minor Update, or Major Upgrade.

Warranty Remedies

If the Trimble Product fails during the warranty period for reasons covered by this limited warranty and you notify Trimble of such failure during the warranty period, Trimble will repair OR replace the nonconforming Product with new, equivalent to new, or reconditioned parts or Product, OR refund the Product purchase price paid by you, at Trimble's option, upon your return of the Product in accordance with Trimble's product return procedures then in effect.

How to Obtain Warranty Service

To obtain warranty service for the Product, please contact your local Trimble authorized dealer. Alternatively, you may contact Trimble to request warranty service at +1-408-481-6940 (24 hours a day) or e-mail your request to trimble_support@trimble.com. Please be prepared to provide:

- your name, address, and telephone numbers
- proof of purchase
- a copy of this Trimble warranty
- a description of the nonconforming Product including the model number
- an explanation of the problem

The customer service representative may need additional information from you depending on the nature of the problem.

Warranty Exclusions and Disclaimer

This Product limited warranty shall only apply in the event and to the extent that (a) the Product is properly and correctly installed, configured, interfaced, maintained, stored, and operated in accordance with Trimble's applicable operator's manual and specifications, and; (b) the Product is not modified or misused. This Product limited warranty shall not apply to, and Trimble shall not be responsible for, defects or performance problems resulting from (i) the combination or utilization of the Product with hardware or software products, information, data, systems, interfaces, or devices not made, supplied, or specified by Trimble; (ii) the operation of the Product under any specification other than, or in addition to, Trimble's standard specifications for its products; (iii) the unauthorized installation, modification, or use of the Product; (iv) damage caused by: accident, lightning or other electrical discharge, fresh or salt water immersion or spray (outside of Product specifications); or exposure to environmental conditions for which the Product is not intended; (v) normal wear and tear on consumable parts (e.g., batteries); or (vi) cosmetic damage. Trimble does not warrant or guarantee the results obtained through the use of the Product, or that software components will operate error free.

NOTICE REGARDING PRODUCTS EQUIPPED WITH TECHNOLOGY CAPABLE OF TRACKING SATELLITE SIGNALS FROM SATELLITE BASED AUGMENTATION SYSTEMS (SBAS) (WAAS/EGNOS, AND MSAS), OMNISTAR, GPS, MODERNIZED GPS OR GLONASS SATELLITES, OR FROM IALA BEACON SOURCES: TRIMBLE IS NOT RESPONSIBLE FOR THE OPERATION OR FAILURE OF OPERATION OF ANY SATELLITE BASED POSITIONING SYSTEM OR THE AVAILABILITY OF ANY SATELLITE BASED POSITIONING SIGNALS.

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Official Language

THE OFFICIAL LANGUAGE OF THESE TERMS AND CONDITIONS IS ENGLISH. IN THE EVENT OF A CONFLICT BETWEEN ENGLISH AND OTHER LANGUAGE VERSIONS, THE ENGLISH LANGUAGE SHALL CONTROL.

Registration

To receive information regarding updates and new products, please contact your local dealer or visit the Trimble website at www.trimble.com/register. Upon registration you may select the newsletter, upgrade, or new product information you desire.

Notices

Federal Communications Commission (FCC) Statement

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

Properly shielded and grounded cables and connectors must be used in order to meet FCC emission limits. TRIMBLE is not responsible for any radio or television interference caused by using other than recommended cables and connectors or by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Responsible Party:

Trimble Navigation

935 Stewart Drive

Sunnyvale CA 94085

Telephone: 1-408 481 8000

Industry Canada Compliance Statement

This Class A digital apparatus meets the requirements of the Canadian Interference-Causing Equipment Regulations.

Avis de conformité à la réglementation d'Industrie Canada

Cet appareil numérique de la classe A respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

European Community Compliance Statement

This product is in conformity with the protection requirements of EU Council Directive 89/336/EEC on the approximation of the laws of the Member States relating to electromagnetic compatibility. TRIMBLE cannot accept responsibility for any failure to satisfy the protection requirements resulting from a non-recommended modification of the product, including the fitting of non-TRIMBLE option cards.

Australia and New Zealand Class A Statement

Attention: This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Notice to Our European Union Customers

For product recycling instructions and more information, please go to www.trimble.com/ev.shtml.

Recycling in Europe: To recycle Trimble WEEE (Waste Electrical and Electronic Equipment, products that run on electrical power), Call +31 497 53 24 30, and ask for the "WEEE Associate". Or, mail a request for recycling instructions to:

Trimble Europe BV
c/o Menlo Worldwide Logistics
Meerheide 45
5521 DZ Eersel, NL



Restriction of Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)

This Trimble product complies in all material respects with DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS Directive) and Amendment 2005/618/EC filed under C(2005) 3143, with exemptions for lead in solder pursuant to Paragraph 7 of the Annex to the RoHS Directive applied.

Declaration of Conformity

We, Trimble Navigation Limited,

935 Stewart Drive

PO Box 3642

Sunnyvale, CA 94088-3642

United States

+1-408-481-8000

declare under sole responsibility that the product:
EZ-Guide 500 lightbar guidance system
complies with Part 15 of FCC Rules.

Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

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Connecting the Lightbar Only

In this chapter:

- EZ-Guide 500 lightbar only (old power cable)
- EZ-Guide 500 lightbar only (new power cable)

The EZ-Guide® 500 lightbar guidance system can operate as a standalone guidance system, or you can connect it to a range of agricultural guidance devices to expand its functionality. This document shows you how to complete those cable connections.

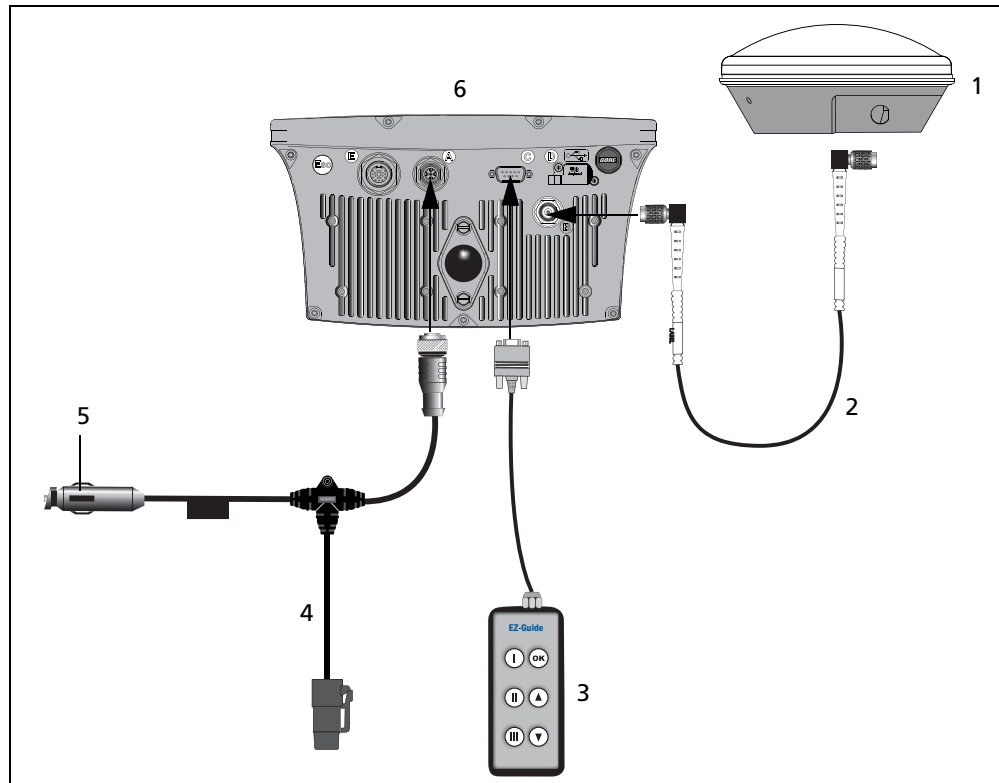
To connect:

- the lightbar as a standalone guidance system, see [Chapter 1](#).
- the lightbar to the EZ-Boom® 2010 automated application control system, see [Chapter 2](#).
- the lightbar to the EZ-Steer® 500 system, see [Chapter 3](#).
- the lightbar to the AgGPS® Autopilot™ assisted steering system, see [Chapter 4](#).

Note – For RTK corrections in North America, use a SiteNet™ 900 radio option. For RTK corrections in Europe, use a PDL 450 radio option.

EZ-Guide 500 lightbar only (old power cable)

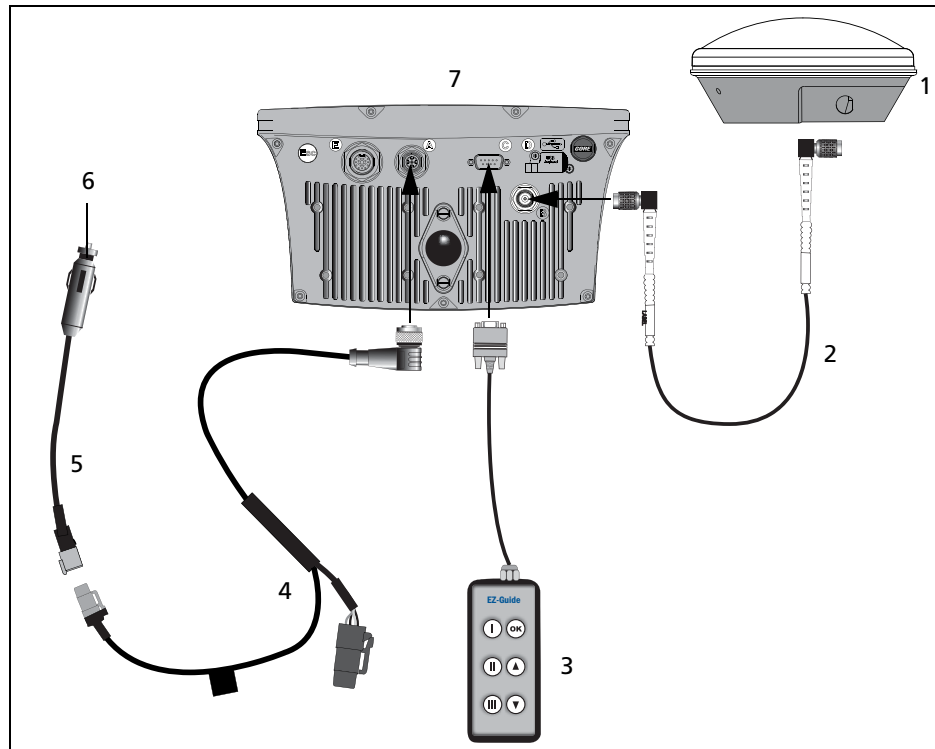
This figure shows how to connect the EZ-Guide 500 lightbar guidance system using the old power cable:



Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
1	GPS antenna	P/N 60600-01 (DGPS) P/N 57200-00 (OmniSTAR HP/RTK)	ZTN 60600-01 (DGPS) ZTN 57200-10S (OmniSTAR HP/RTK)	73313910 (DGPS) 73313909 (OmniSTAR HP/RTK)
2	GPS antenna cable	P/N 50449	87301268	87301268
3	Remote keypad (optional)	P/N 66030-00	ZTN 66030-00	73313915
4	Power cable	P/N 60198	ZTN 60198	N/A
5	To power	—	—	—
6	EZ-Guide 500 lightbar	P/N 66100-xx	ZTN 66100-xx	N/A

EZ-Guide 500 lightbar only (new power cable)

This figure shows how to connect the EZ-Guide 500 lightbar guidance system using the new power cable:



Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
1	Antenna	P/N 60600-01 (DGPS) P/N 57200-00 (OmniSTAR HP/RTK)	ZTN 60600-01 (DGPS) ZTN 57200-10S (OmniSTAR HP/RTK)	73313910 (DGPS) 73313909 (OmniSTAR HP/RTK)
2	Antenna cable	P/N 50449	87301268	87301268
3	Remote keypad (optional)	P/N 66030-00	ZTN 66030-00	73313915
4	Power cable	P/N 62817	ZTN 62817	73313913
5	Power connector cable	P/N 62818	ZTN 62818	73321228
6	To power	—	—	—
7	EZ-Guide 500 lightbar	P/N 66100-xx	ZTN 66100-xx	N/A

Connecting to an EZ-Boom System

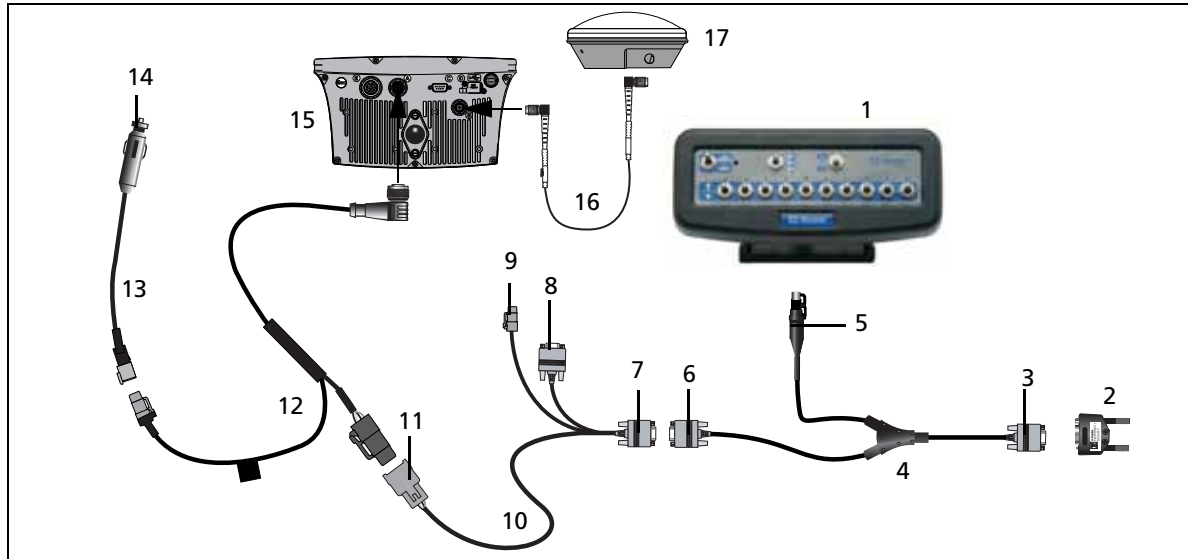
In this chapter:

- EZ-Guide 500 system with EZ-Boom system (old cables)
- EZ-Steer 500 system with the EZ-Boom system (old cables)
- EZ-Guide 500 system with the EZ-Boom 2010 system (new cables)
- EZ-Steer 500 system with EZ-Boom 2010 system (new cables)
- EZ-Steer 500 system / EZ-Boom system / 900 MHz RTK radio
- EZ-Steer 500 system / EZ-Boom system / 450 MHz RTK radio
- EZ-Guide 500 / Autopilot / EZ-Boom / 900 MHz radio (old cables)
- EZ-Guide 500 / Autopilot / EZ-Boom / 900 MHz radio (new cables)
- EZ-Guide 500 / Autopilot / EZ-Boom / 450 MHz radio

This chapter shows the different ways to connect the EZ-Guide 500 lightbar to an EZ-Boom 2010 automated application control system.

EZ-Guide 500 system with EZ-Boom system (old cables)

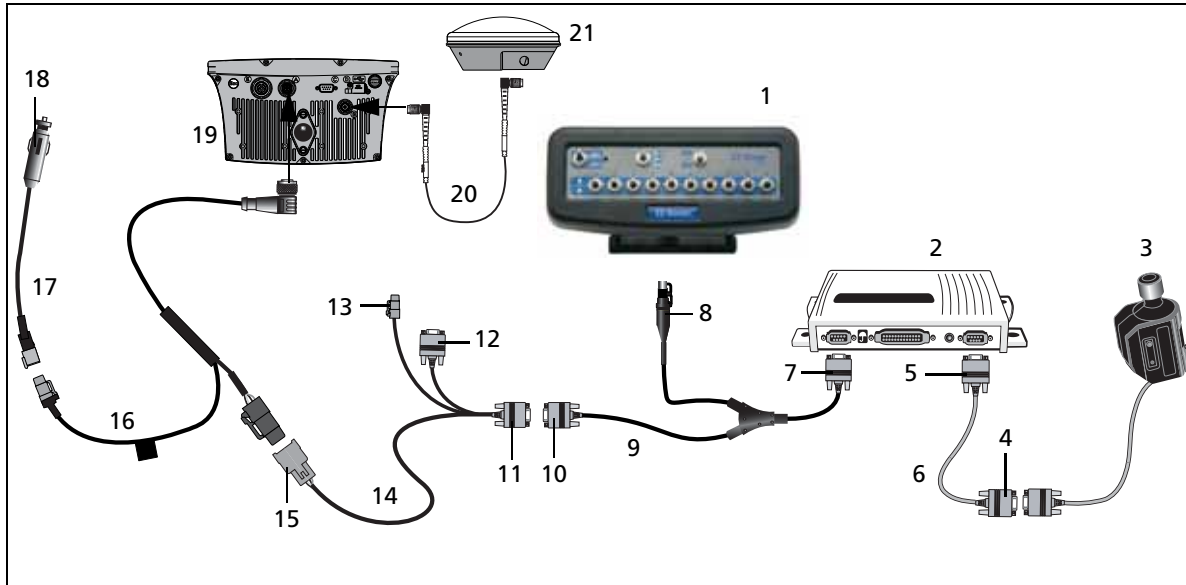
This figure shows how to connect the EZ-Guide 500 lightbar to the EZ-Boom 2010 system (without an EZ-Steer system):



Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
1	EZ-Boom controller	—	—	—
2	Serial terminator plug	P/N 58378	ZTN 58378	N/A
3	"TO SCM" connector	—	—	—
4	EZ-Boom "Y" cable	P/N 58377	ZTN 58377	N/A
5	"TO EZ-BOOM" connector	—	—	—
6	"TO POWER" connector	—	—	—
7	"R2" connector	—	—	—
8	Laptop connector (for upgrading firmware)	—	—	—
9	Alternate power connector	—	—	—
10	EZ-Steer extension cable	P/N 62974	ZTN 62974	73313925
11	"S1" connector	—	—	—
12	Power cable	P/N 62817	ZTN 62817	73313913
13	Power connection cable	P/N 62818	ZTN 62818	73321228
14	To power	—	—	—
15	EZ-Guide 500 lightbar	P/N 66100-xx	ZTN 66100-xx	N/A
16	GPS antenna cable	P/N 50449	87301268	87301268
17	GPS antenna	P/N 60600-01 (DGPS) P/N 57200-00 (OmniSTAR HP/RTK)	ZTN 60600-01 (DGPS) ZTN 57200-105 (OmniSTAR HP/RTK)	73313910 (DGPS) 73313909 (OmniSTAR HP/RTK)

EZ-Steer 500 system with the EZ-Boom system (old cables)

This figure shows how to connect the EZ-Guide 500 lightbar to the EZ-Boom 2010 system (with an EZ-Steer system):

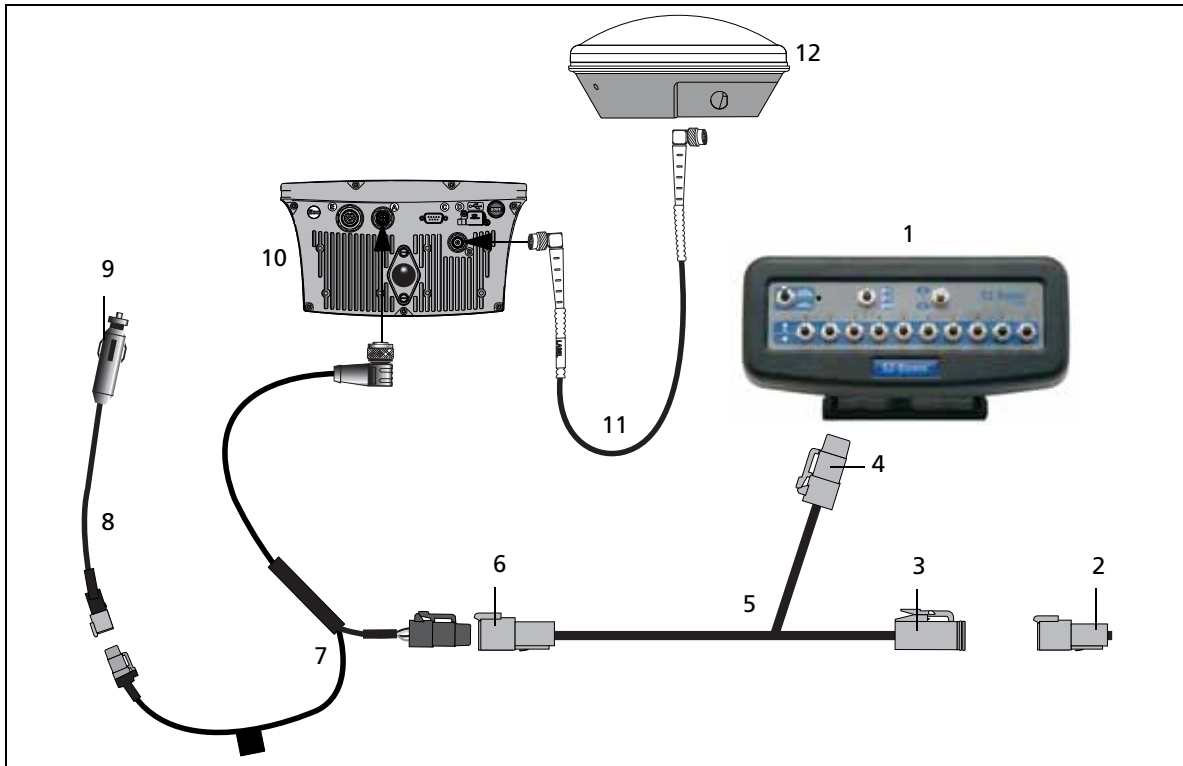


Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
1	EZ-Boom controller	—	—	—
2	EZ-Steer controller	—	—	—
3	EZ-Steer motor	—	—	—
4	"P2" connector	—	—	—
5	"P1" connector	—	—	—
6	EZ-Steer motor cable	P/N 62257	ZTN 62257	73316779
7	"TO SCM" connector	—	—	—
8	"TO EZ-BOOM" connector	—	—	—
9	EZ-Boom "Y" cable	P/N 58377	ZTN 58377	N/A
10	"TO POWER" connector	—	—	—
11	"R2" connector	—	—	—
12	Laptop connector (for upgrading firmware)	—	—	—
13	Alternate power connector	—	—	—
14	EZ-Steer extension cable	P/N 62974	ZTN 62974	73313925
15	"S1" connector	—	—	—
16	Power cable	P/N 62817	ZTN 62817	73313913
17	Power connection cable	P/N 62818	ZTN 62818	73321228
18	To power	—	—	—
19	EZ-Guide 500 lightbar	P/N 66100-xx	ZTN 66100-xx	N/A

Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
20	GPS antenna cable	P/N 50449	87301268	87301268
21	GPS antenna	P/N 60600-01 (DGPS)	ZTN 60600-01 (DGPS)	73313910 (DGPS)
		P/N 57200-00	ZTN 57200-10S	73313909
		(OmniSTAR HP/RTK)	(OmniSTAR HP/RTK)	(OmniSTAR HP/RTK)

EZ-Guide 500 system with the EZ-Boom 2010 system (new cables)

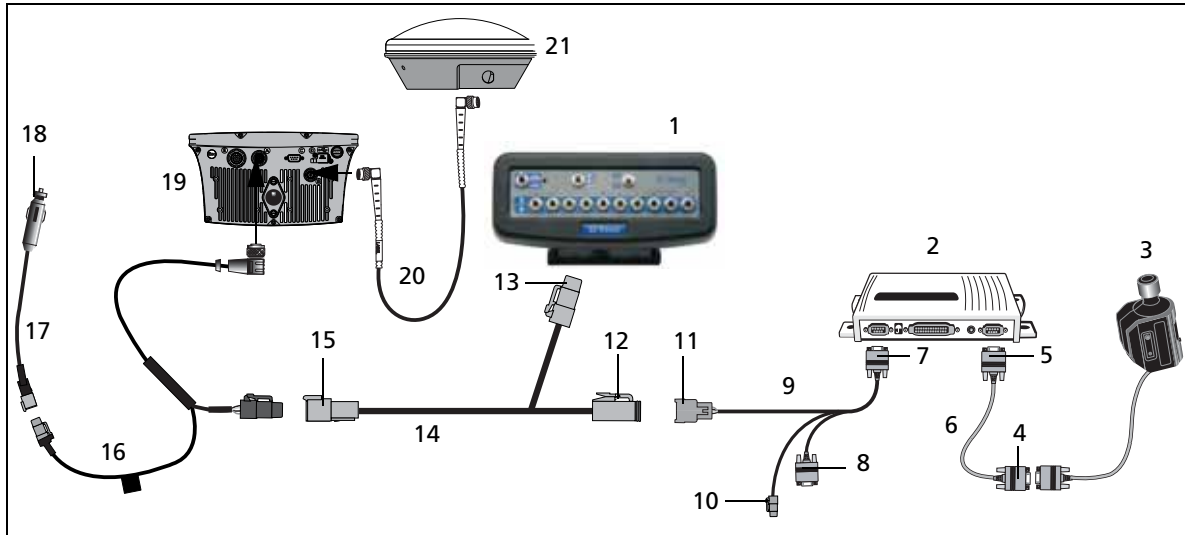
This figure shows how to connect the lightbar to the EZ-Boom 2010 system:



Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
1	EZ-Boom controller	—	—	—
2	CAN terminator	P/N 59783	ZTN 59783	N/A
3	"P3" connector	—	—	—
4	"P1" connector	—	—	—
5	EZ-Boom cable	P/N 61437	ZTN 61437	N/A
6	"S3" connector	—	—	—
7	Power cable	P/N 62817	ZTN 62817	73313913
8	Power connector cable	P/N 62818	ZTN 62818	73321228
9	To power	—	—	—
10	EZ-Guide 500 lightbar	P/N 66100-xx	ZTN 66100-xx	N/A
11	GPS antenna cable	P/N 50449	87301268	87301268
12	GPS antenna	P/N 60600-01 (DGPS) P/N 57200-00 (OmniSTAR HP/RTK)	ZTN 60600-01 (DGPS) ZTN 57200-10S (OmniSTAR HP/RTK)	73313910 (DGPS) 73313909 (OmniSTAR HP/RTK)

EZ-Steer 500 system with EZ-Boom 2010 system (new cables)

This figure shows how to connect the EZ-Steer 500 system to the EZ-Boom 2010 system:

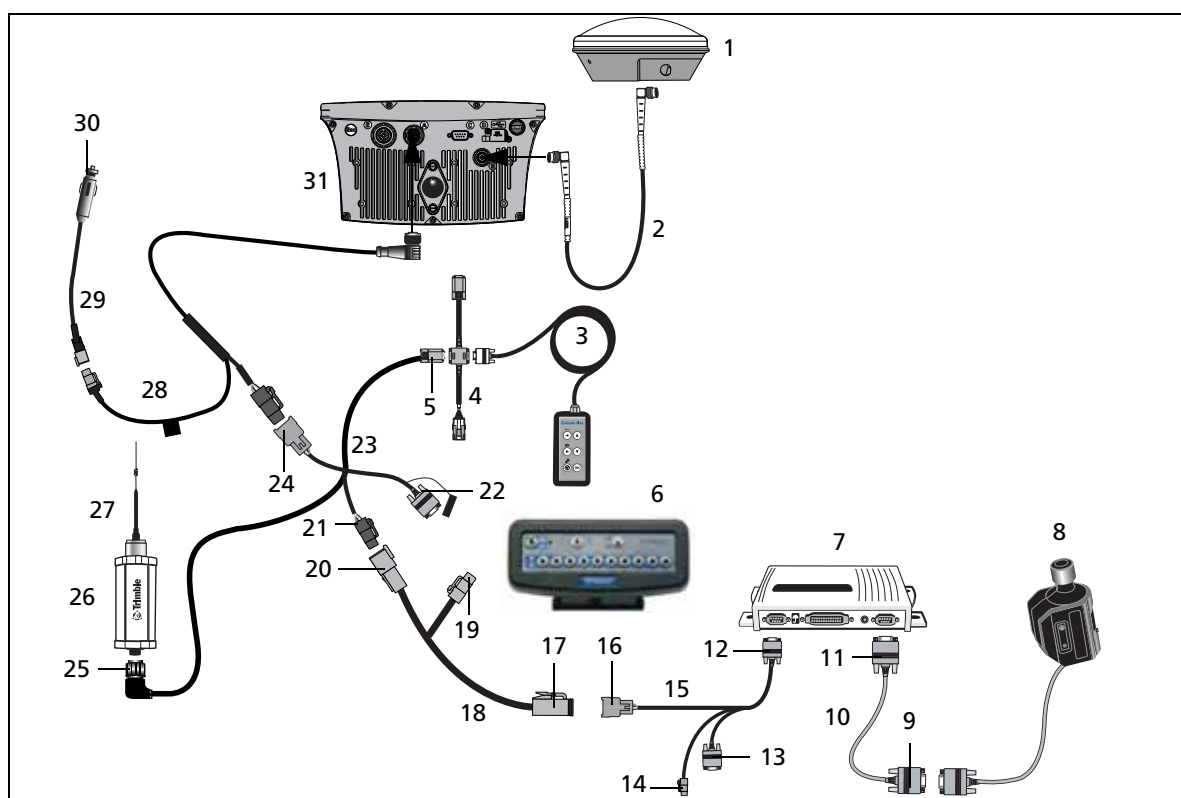


Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
1	EZ-Boom controller	—	—	—
2	EZ-Steer controller	—	—	—
3	EZ-Steer motor	—	—	—
4	"P2" connector	—	—	—
5	EZ-Steer motor cable	P/N 62257	ZTN 62257	73316779
6	"P1" connector	—	—	—
7	"R2" connector	—	—	—
8	Laptop connector (for firmware upgrade)	—	—	—
9	EZ-Steer extension cable	P/N 62974	ZTN 62974	73313925
10	Alternate power connector	—	—	—
11	"S1" connector	—	—	—
12	"P3" connector	—	—	—
13	"P1" connector	—	—	—
14	EZ-Boom cable	P/N 61437	ZTN 61437	N/A
15	"S3" connector	—	—	—
16	Power cable	P/N 62817	ZTN 62817	73313913
17	Power connector cable	P/N 62818	ZTN 62818	73321228
18	To power	—	—	—
19	EZ-Guide 500 lightbar	P/N 66100-xx	ZTN 66100-xx	N/A

Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
20	GPS antenna cable	P/N 50449	87301268	87301268
21	GPS antenna	P/N 60600-01 (DGPS)	ZTN 60600-01 (DGPS)	73313910 (DGPS)
		P/N 57200-00	ZTN 57200-10S	73313909
		(OmniSTAR HP/RTK)	(OmniSTAR HP/RTK)	(OmniSTAR HP/RTK)

EZ-Steer 500 system / EZ-Boom system / 900 MHz RTK radio

This figure shows how to connect the EZ-Steer 500 system to an EZ-Boom 2010 system with a 900 MHz radio for RTK corrections:

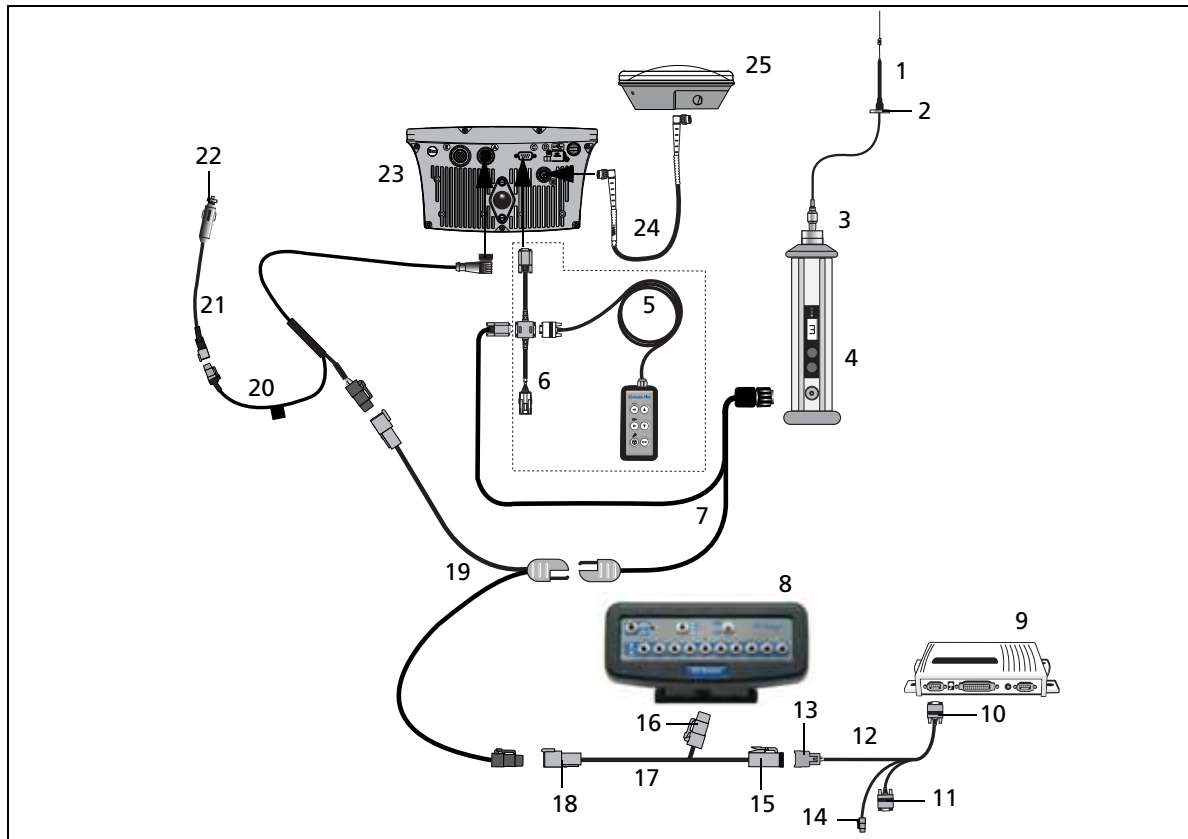


Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
1	GPS antenna	P/N 57200-00	ZTN 57200-10S	73313909
2	GPS antenna cable	P/N 50449	87301268	87301268
3	Remote keypad (optional)	P/N 66030-00	ZTN 66030-00	73313915
4	External interface cable	P/N 62749	ZTN 62749	73321236
5	"P4" connector	—	—	—
6	EZ-Boom controller	—	—	—
7	EZ-Steer controller	—	—	—
8	EZ-Steer motor	—	—	—
9	"P2" connector	—	—	—
10	EZ-Steer motor cable	P/N 62257	ZTN 62257	73316779
11	"P1" connector	—	—	—
12	"R2" connector	—	—	—
13	Laptop connector (for firmware upgrade)	—	—	—
14	Alternate power connector	—	—	—
15	EZ-Steer extension cable	P/N 62974	ZTN 62974	73313925

Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
16	"S1" connector	–	–	–
17	"P3" connector	–	–	–
18	EZ-Boom cable	P/N 61437	ZTN 61437	N/A
19	"P1" connector	–	–	–
20	"S3" connector	–	–	–
21	"P2" connector	–	–	–
22	"P3" connector	–	–	–
23	EZ-Guide 500-to-radio cable	P/N 62082	ZTN 62082	N/A
24	"S5" connector	–	–	–
25	"P1" connector	–	–	–
26	SiteNet radio	–	–	–
27	Radio antenna	P/N 22882-00	ZTN 22882-00	N/A
28	Power cable	P/N 62817	ZTN 62817	73313913
29	Power connector cable	P/N 62818	ZTN 62818	73321228
30	To power	–	–	–
31	EZ-Guide 500 lightbar	P/N 66100-xx	ZTN 66100-xx	N/A

EZ-Steer 500 system / EZ-Boom system / 450 MHz RTK radio

This figure shows how to connect the EZ-Steer 500 system to an EZ-Boom 2010 system with a 450 MHz radio for RTK corrections:

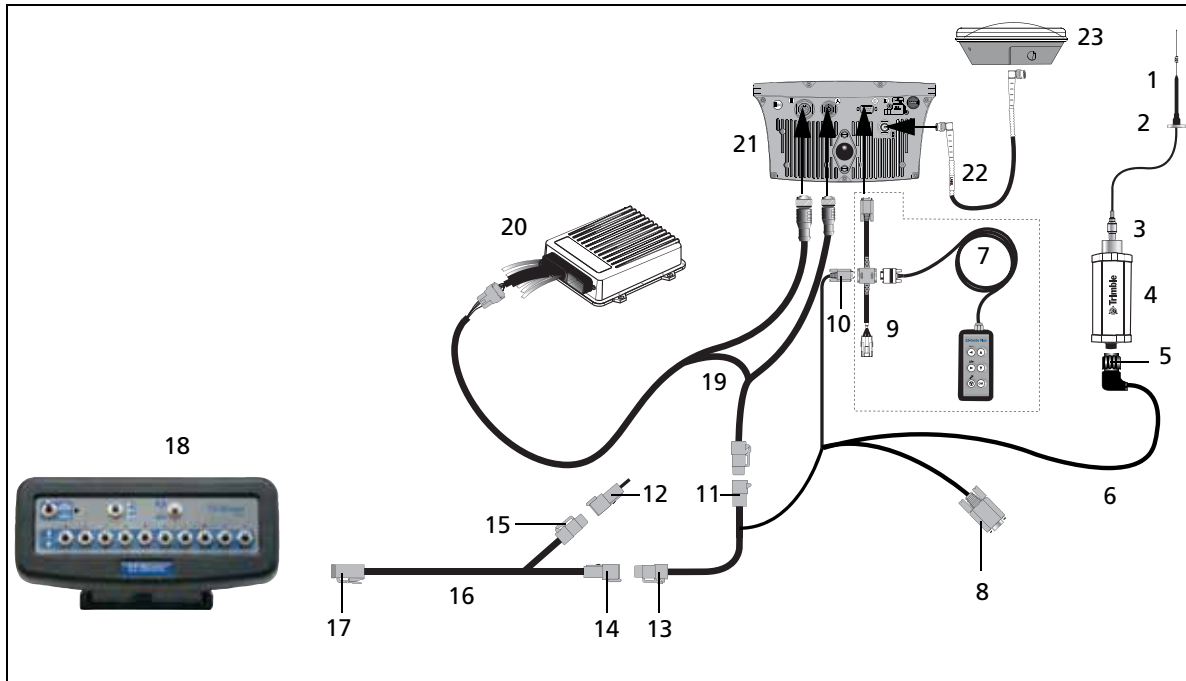


Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
1	Radio antenna	P/N 51870-x0-x0	ZTN 51870-x0-x0	N/A
2	Radio antenna magnetic mount	P/N 62109	ZTN 62109	73321239
3	Radio antenna connector	P/N 63278	ZTN 63278	N/A
4	PDL 450 MHz radio	P/N 62550-4x-xx	ZTN 62550-4x-xx	73313919 through 73313924
5	Remote keypad (optional)	P/N 66030-00	ZTN 66030-00	73313915
6	External interface cable	P/N 62749	ZTN 62749	73321236
7	PDL radio power/data cable	AG 51861-00	ZTN 51861-00	73321237
8	EZ-Boom controller	—	—	—
9	EZ-Steer controller	—	—	—
10	"P2" connector	—	—	—
11	Laptop connector (for firmware upgrade)	—	—	—
12	EZ-Steer extension cable	P/N 62974	ZTN 62974	73313925
13	"S1" connector	—	—	—

Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
14	Alternate power connector	–	–	–
15	“P3” connector	–	–	–
16	“P1” connector	–	–	–
17	EZ-Boom cable	P/N 61437	ZTN 61437	N/A
18	“S3” connector	–	–	–
19	Power tap to PDL radio	P/N 63185	ZTN 63185	73321238
20	Power cable	P/N 62817	ZTN 62817	73313913
21	Power connector cable	P/N 62818	ZTN 62818	73321228
22	To power	–	–	–
23	EZ-Guide 500 lightbar	P/N 66100-xx	ZTN 66100-xx	N/A
24	GPS antenna cable	P/N 50449	87301268	87301268
25	GPS antenna	P/N 57200-00	ZTN 57200-10S	73313909

EZ-Guide 500 / Autopilot / EZ-Boom / 900 MHz radio (old cables)

This figure shows how to connect an EZ-Guide 500 lightbar to an AgGPS Autopilot system, an EZ-Boom 2010 system, and a 900 MHz radio (with the old cables):

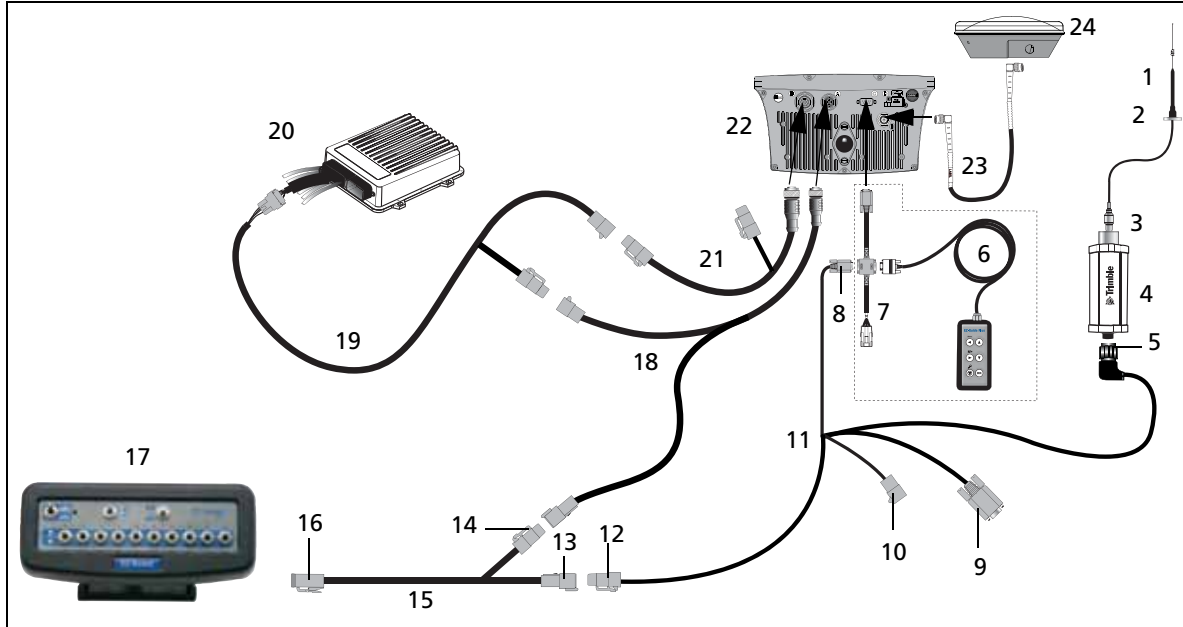


Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
1	Radio antenna cable	P/N 22882-00	ZTN 22882-00	N/A
2	Radio antenna magnetic mount	P/N 62109	ZTN 62109	73321239
3	Radio antenna adaptor	P/N 46740	ZTN 46740	N/A
4	SiteNet radio	—	—	—
5	"P1" (radio) connector	—	—	—
6	EZ-Guide 500-to-radio cable	P/N 62082	ZTN 62082	N/A
7	Remote keypad (optional)	P/N 66030-00	ZTN 66030-00	73313915
8	"P3" (laptop) connector	—	—	—
9	External interface cable	P/N 62749	ZTN 62749	73321236
10	"P4" connector	—	—	—
11	"S5" connector	—	—	—
12	CAN terminator	P/N 59783	ZTN 59783	N/A
13	"P2" connector	—	—	—
14	"S3" connector	—	—	—
15	"P1" connector	—	—	—
16	EZ-Boom cable	P/N 61437	ZTN 61437	N/A
17	"P3" connector	—	—	—
18	EZ-Boom controller	—	—	—

Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
19	Autopilot-to-EZ-Guide 500 cable	P/N 62063	ZTN 62063	N/A
20	AgGPS Autopilot controller	–	–	–
21	EZ-Guide 500 lightbar	P/N 66100-xx	ZTN 66100-xx	N/A
22	GPS antenna cable	P/N 50449	87301268	87301268
23	GPS antenna	P/N 57200-00	ZTN 57200-10S	73313909

EZ-Guide 500 / Autopilot / EZ-Boom / 900 MHz radio (new cables)

This figure shows how to connect an EZ-Guide 500 lightbar to an AgGPS Autopilot system, an EZ-Boom 2010 system, and a 900 MHz radio (with the new cables):

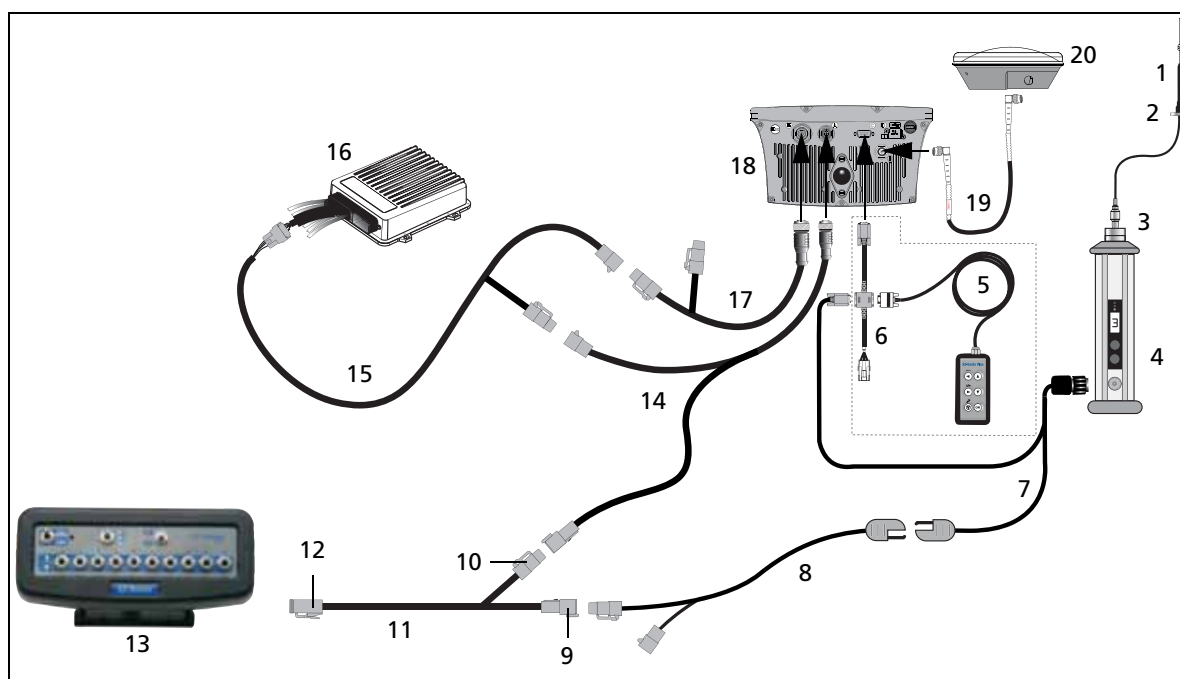


Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
1	Radio antenna cable	P/N 22882-00	ZTN 22882-00	N/A
2	Radio antenna magnetic mount	P/N 62109	ZTN 62109	73321239
3	Radio antenna connector	P/N 46740	ZTN 46740	N/A
4	SiteNet radio	—	—	—
5	"P1" connector	—	—	—
6	Remote keypad (optional)	P/N 66030-00	ZTN 66030-00	73313915
7	External interface cable	P/N 62749	ZTN 62749	73321236
8	"P4" connector	—	—	—
9	"P3" connector	—	—	—
10	"S5" connector	—	—	—
11	EZ-Guide 500-to-radio cable	P/N 62082	ZTN 62082	N/A
12	"P2" connector	—	—	—
13	"S3" connector	—	—	—
14	"P1" connector	—	—	—
15	EZ-Boom cable	P/N 61437	ZTN 61437	N/A
16	"P3" connector	—	—	—
17	EZ-Boom controller	—	—	—
18	Power cable	P/N 62817	ZTN 62817	73313913

Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
19	EZ-Guide 500-to-Autopilot cable	P/N 62754	ZTN 62754	73321202
20	AgGPS Autopilot controller	–	–	–
21	Port expansion cable	P/N 62609	ZTN 62609	73321201
22	EZ-Guide 500 lightbar	P/N 66100-xx	ZTN 66100-xx	N/A
23	GPS antenna cable	P/N 50449	87301268	87301268
24	GPS antenna	P/N 57200-00	ZTN 57200-10S	73313909

EZ-Guide 500 / Autopilot / EZ-Boom / 450 MHz radio

This figure shows how to connect an EZ-Guide 500 lightbar to an AgGPS Autopilot system, an EZ-Boom 2010 system, and a 450 MHz radio:



Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
1	Radio antenna	P/N 51870-x0-x0	ZTN 51870-x0-x0	N/A
2	Radio antenna magnetic mount	P/N 62109	ZTN 62109	73321239
3	Radio antenna connector	P/N 63278	ZTN 63278	N/A
4	PDL 450 radio	P/N 62550-4x-xx	ZTN 62550-4x-xx	
5	Remote keypad (optional)	P/N 66030-00	ZTN 66030-00	73313915
6	External interface cable	P/N 62749	ZTN 62749	73321236
7	PDL radio power/data cable	AG 51861-00	ZTN 51861-00	
8	Power tap to PDL radio	P/N 63185	ZTN 63185	73321238
9	"S3" connector	—	—	—
10	"P1" connector	—	—	—
11	EZ-Boom cable	P/N 61437	ZTN 61437	N/A
12	"P3" connector	—	—	—
13	EZ-Boom controller	—	—	—
14	EZ-Guide 500 power cable	P/N 62817	ZTN 62817	73313913
15	EZ-Guide 500-to-Autopilot cable	P/N 62754	ZTN 62754	73321202
16	AgGPS Autopilot controller	—	—	—
17	Port expansion cable	P/N 62609	ZTN 62609	73321201
18	EZ-Guide 500 lightbar	P/N 66100-xx	ZTN 66100-xx	N/A

Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
19	GPS antenna cable	P/N 50449	87301268	87301268
20	GPS antenna	P/N 57200-00	ZTN 57200-10S	73313909

Connecting to an EZ-Steer System

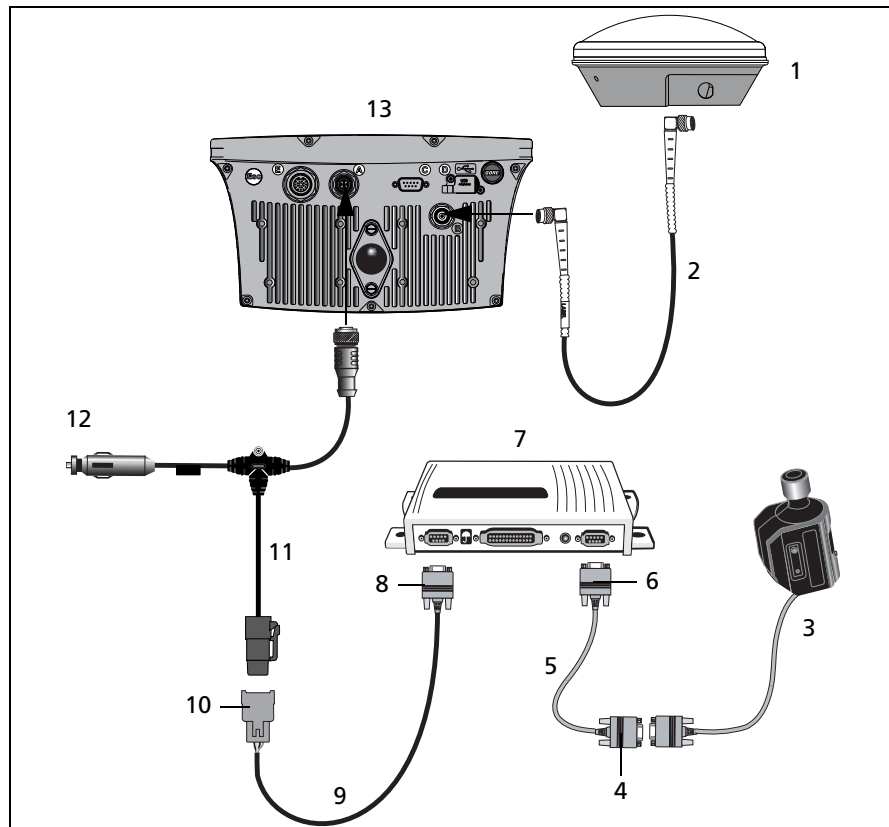
In this chapter:

- EZ-Steer 500 system (old cables)
- EZ-Steer 500 system (new cables)
- EZ-Steer 500 system with the EZ-Boom system
- EZ-Steer 500 system with EZ-Boom controller
- EZ-Steer 500 system (for 900 MHz RTK corrections)
- EZ-Steer 500 system (for 450 MHz RTK corrections)
- EZ-Steer 500 system / EZ-Boom system / 900 MHz RTK radio
- EZ-Steer 500 system / EZ-Boom system / 450 MHz RTK radio

This chapter shows the different ways to connect the EZ-Guide 500 lightbar to an EZ-Steer system.

EZ-Steer 500 system (old cables)

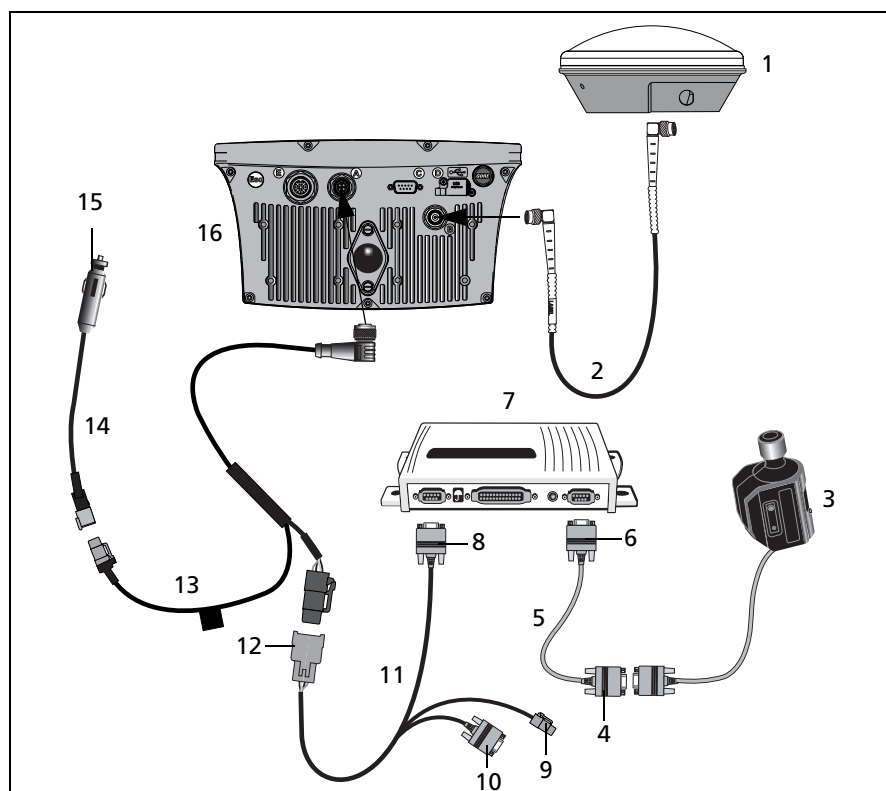
This figure shows how to connect the EZ-Guide 500 lightbar to an EZ-Steer system:



Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
1	Antenna	—	—	—
2	Antenna cable	P/N 50449	87301268	87301268
3	EZ-Steer motor	—	—	—
4	"P2" connector	—	—	—
5	EZ-Steer motor cable	P/N 62257	ZTN 62257	73316779
6	"P1" connector	—	—	—
7	EZ-Steer controller	—	—	—
8	"P2" connector	—	—	—
9	EZ-Guide-to-EZ-Steer cable	P/N 60855	ZTN 60855	N/A
10	"P1" connector	—	—	—
11	Power cable	P/N 60198	ZTN 60198	N/A
12	To power	—	—	—
13	EZ-Guide 500 lightbar	P/N 66100-xx	ZTN 66100-xx	N/A

EZ-Steer 500 system (new cables)

This figure shows how to connect the EZ-Guide 500 lightbar to an EZ-Steer system (with the new cables):

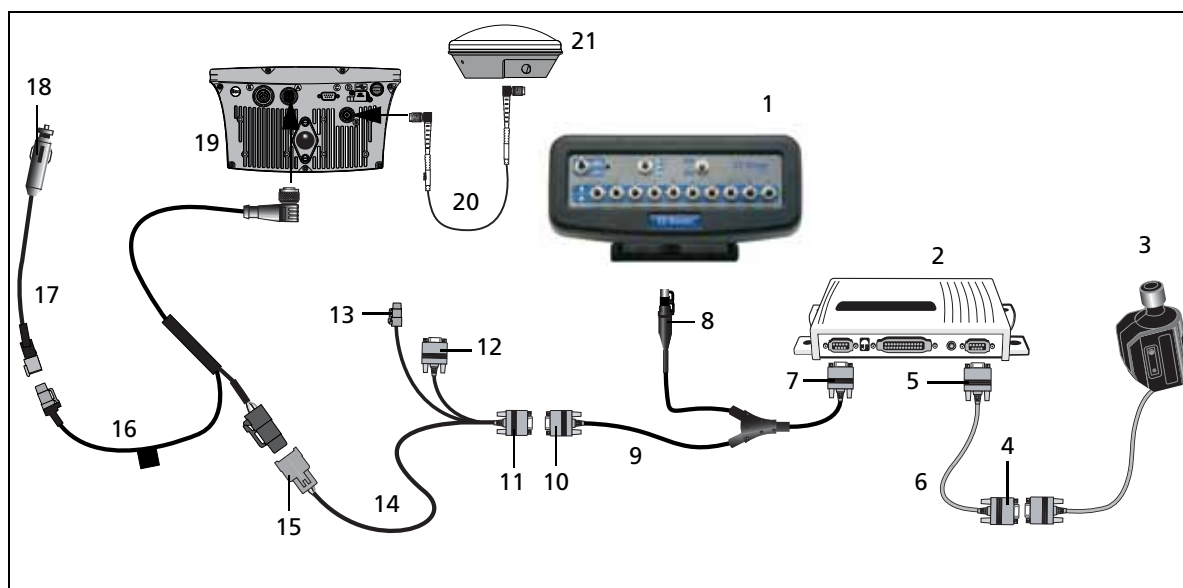


Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
1	GPS antenna	P/N 60600-01 (DGPS) P/N 57200-00 (OmniSTAR HP/RTK)	ZTN 60600-01 (DGPS) ZTN 57200-105 (OmniSTAR HP/RTK)	73313910 (DGPS) 73313909 (OmniSTAR HP/RTK)
2	GPS antenna cable	P/N 50449	87301268	87301268
3	EZ-Steer motor	—	—	—
4	"P2" connector	—	—	—
5	EZ-Steer motor cable	P/N 62257	ZTN 62257	73316779
6	"P1" connector	—	—	—
7	EZ-Steer controller	—	—	—
8	"P2" connector	—	—	—
9	Alternate power connector	—	—	—
10	Laptop connector (for upgrading firmware)	—	—	—
11	EZ-Steer extension cable	P/N 62974	ZTN 62974	73313925
12	"S1" connector	—	—	—
13	Power cable	P/N 62817	ZTN 62817	73313913
14	Power connector cable	P/N 62818	ZTN 62818	73321228

Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
15	To power	–	–	–
16	EZ-Guide 500 lightbar	P/N 66100-xx	ZTN 66100-xx	N/A

EZ-Steer 500 system with the EZ-Boom system

This figure shows how to connect the EZ-Guide 500 lightbar to the EZ-Boom 2010 system (with an EZ-Steer system):

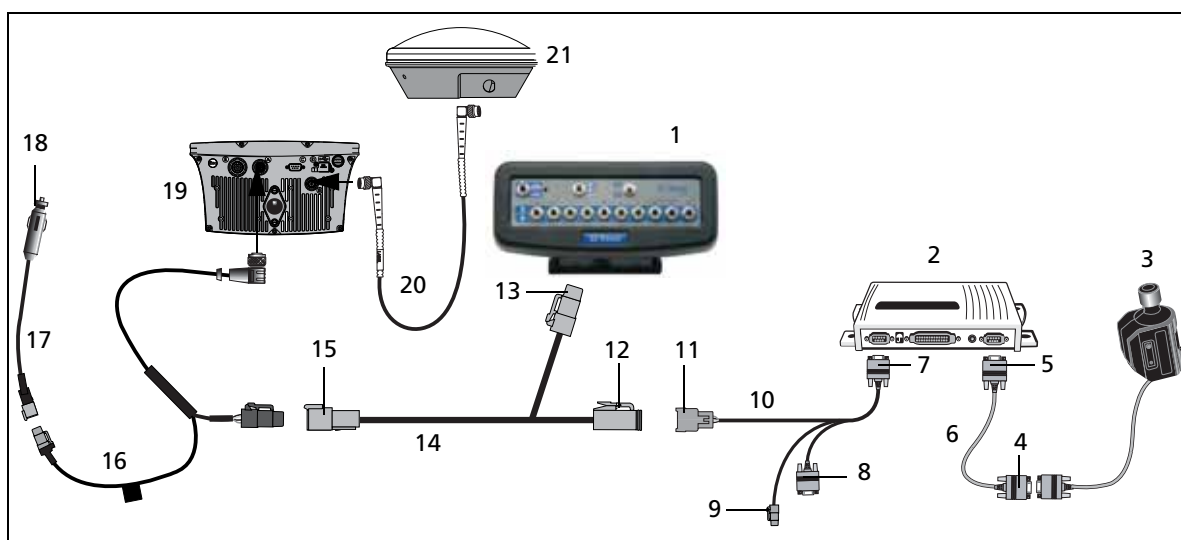


Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
1	EZ-Boom controller	—	—	—
2	EZ-Steer controller	—	—	—
3	EZ-Steer motor	—	—	—
4	"P2" connector	—	—	—
5	EZ-Steer motor cable	P/N 62257	ZTN 62257	73316779
6	"P1" connector	—	—	—
7	"TO SCM" connector	—	—	—
8	"TO EZ-BOOM" connector	—	—	—
9	EZ-Boom "Y" cable	P/N 58377	ZTN 58377	N/A
10	"TO POWER" connector	—	—	—
11	"R2" connector	—	—	—
12	Laptop connector (for upgrading firmware)	—	—	—
13	Alternate power connector	—	—	—
14	EZ-Steer extension cable	P/N 62974	ZTN 62974	73313925
15	"S1" connector	—	—	—
16	Power cable	P/N 62817	ZTN 62817	73313913
17	Power connector cable	P/N 62818	ZTN 62818	73321228
18	To power	—	—	—
19	EZ-Guide 500 lightbar	P/N 66100-xx	ZTN 66100-xx	N/A

Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
20	GPS antenna cable	P/N 50449	87301268	87301268
21	GPS antenna	P/N 60600-01 (DGPS)	ZTN 60600-01 (DGPS)	73313910 (DGPS)
		P/N 57200-00	ZTN 57200-10S	73313909
		(OmniSTAR HP/RTK)	(OmniSTAR HP/RTK)	(OmniSTAR HP/RTK)

EZ-Steer 500 system with EZ-Boom controller

This figure shows how to connect the EZ-Steer 500 system to the EZ-Boom 2010 system:

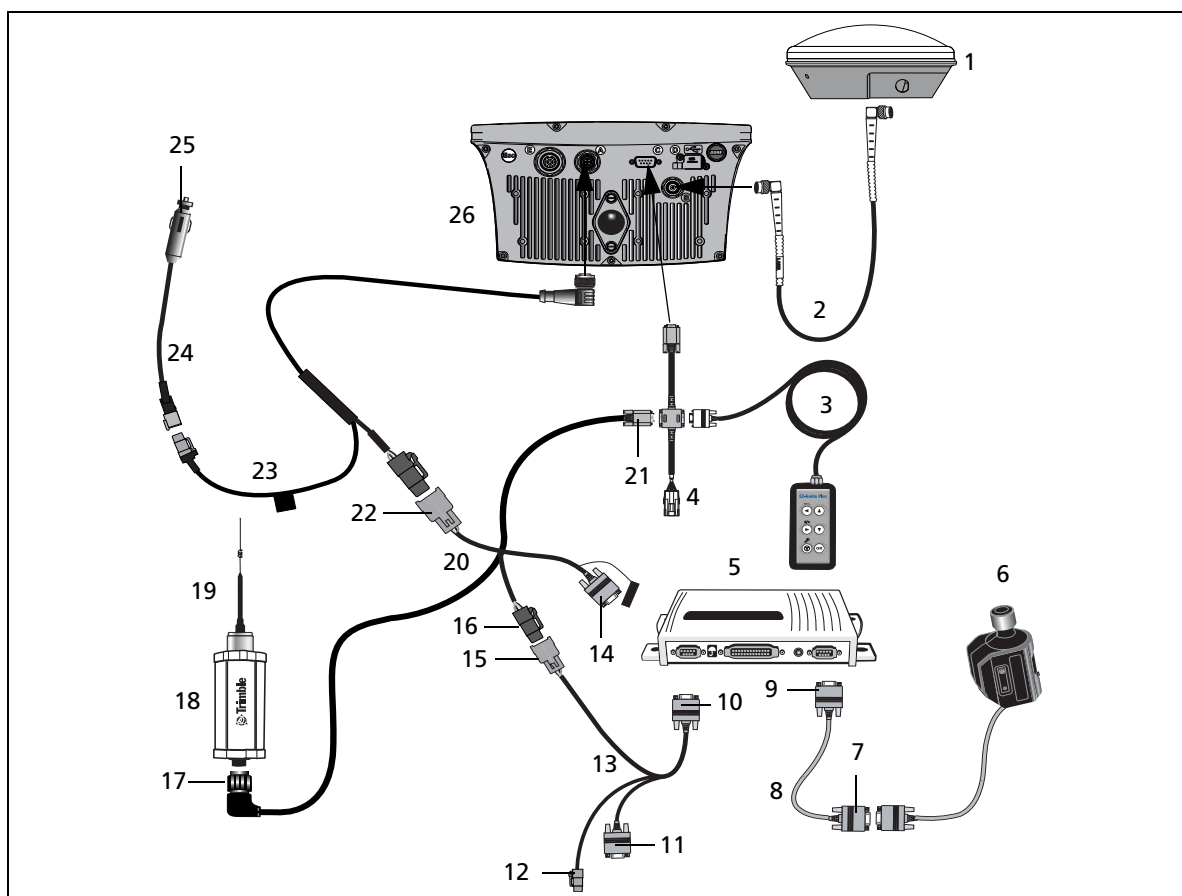


Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
1	EZ-Boom controller	—	—	—
2	EZ-Steer controller	—	—	—
3	EZ-Steer motor	—	—	—
4	"P2" connector	—	—	—
5	EZ-Steer motor cable	P/N 62257	ZTN 62257	73316779
6	"P1" connector	—	—	—
7	"R2" connector	—	—	—
8	Laptop connector (for firmware upgrade)	—	—	—
9	EZ-Steer extension cable	P/N 62974	ZTN 62974	73313925
10	Alternate power connector	—	—	—
11	"S1" connector	—	—	—
12	"P3" connector	—	—	—
13	"P1" connector	—	—	—
14	EZ-Boom cable	P/N 61437	ZTN 61437	N/A
15	"S3" connector	—	—	—
16	Power cable	P/N 62817	ZTN 62817	73313913
17	Power connector cable	P/N 62818	ZTN 62818	73321228
18	To power	—	—	—
19	EZ-Guide 500 lightbar	P/N 66100-xx	ZTN 66100-xx	N/A

Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
20	GPS antenna cable	P/N 50449	87301268	87301268
21	GPS antenna	P/N 60600-01 (DGPS)	ZTN 60600-01 (DGPS)	73313910 (DGPS)
		P/N 57200-00 (OmniSTAR HP/RTK)	ZTN 57200-10S (OmniSTAR HP/RTK)	73313909 (OmniSTAR HP/RTK)

EZ-Steer 500 system (for 900 MHz RTK corrections)

This figure shows how to connect the EZ-Steer 500 system to a 900 MHz radio for RTK corrections:

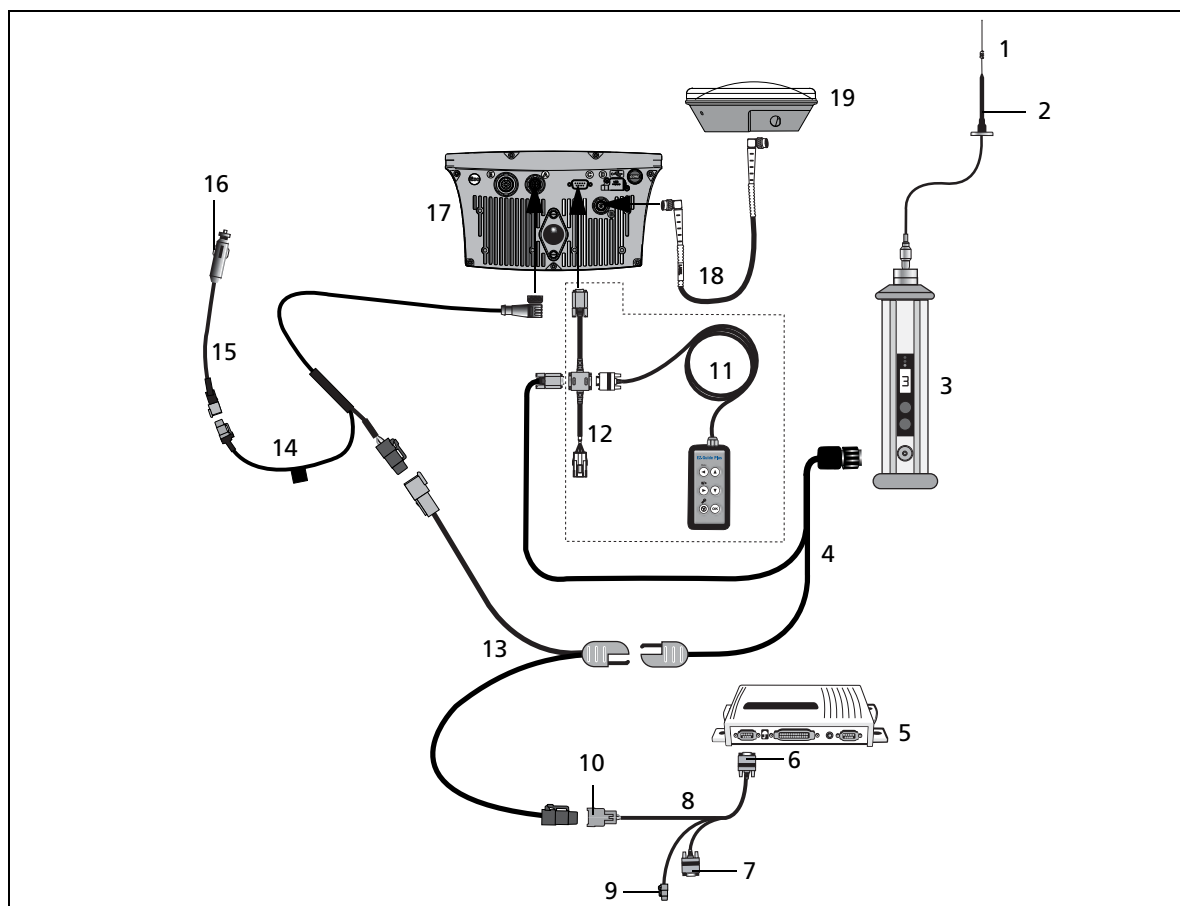


Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
1	GPS antenna	P/N 57200-00	ZTN 57200-105	73313909
2	GPS antenna cable	P/N 50449	87301268	87301268
3	Remote keypad (optional)	P/N 66030-00	ZTN 66030-00	73313915
4	External interface cable	P/N 62749	ZTN 62749	73321236
5	EZ-Steer controller	—	—	—
6	EZ-Steer motor	—	—	—
7	"P2" connector	—	—	—
8	EZ-Steer motor cable	P/N 62257	ZTN 62257	73316779
9	"P1" connector	—	—	—
10	"R2" connector	—	—	—
11	Laptop connector (for firmware upgrade)	—	—	—
12	Alternate power supply	—	—	—
13	EZ-Steer extension cable	P/N 62974	ZTN 62974	73313925

Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
14	"P3" connector	—	—	—
15	"S1" connector	—	—	—
16	"P2" connector	—	—	—
17	"P1" (radio) connector	—	—	—
18	900 MHz SiteNet radio	—	—	—
19	Radio antenna	P/N 22882-00	ZTN 22882-00	N/A
20	EZ-Guide 500-to-radio cable	P/N 62082	ZTN 62082	N/A
21	"P4" connector	—	—	—
22	"S5" connector	—	—	—
23	Power cable	P/N 62817	ZTN 62817	73313913
24	Power connector cable	P/N 62818	ZTN 62818	73321228
25	To power	—	—	—
26	EZ-Guide 500 lightbar	P/N 66100-xx	ZTN 66100-xx	N/A

EZ-Steer 500 system (for 450 MHz RTK corrections)

This figure shows how to connect the EZ-Steer 500 system to a 450 MHz radio for RTK corrections:

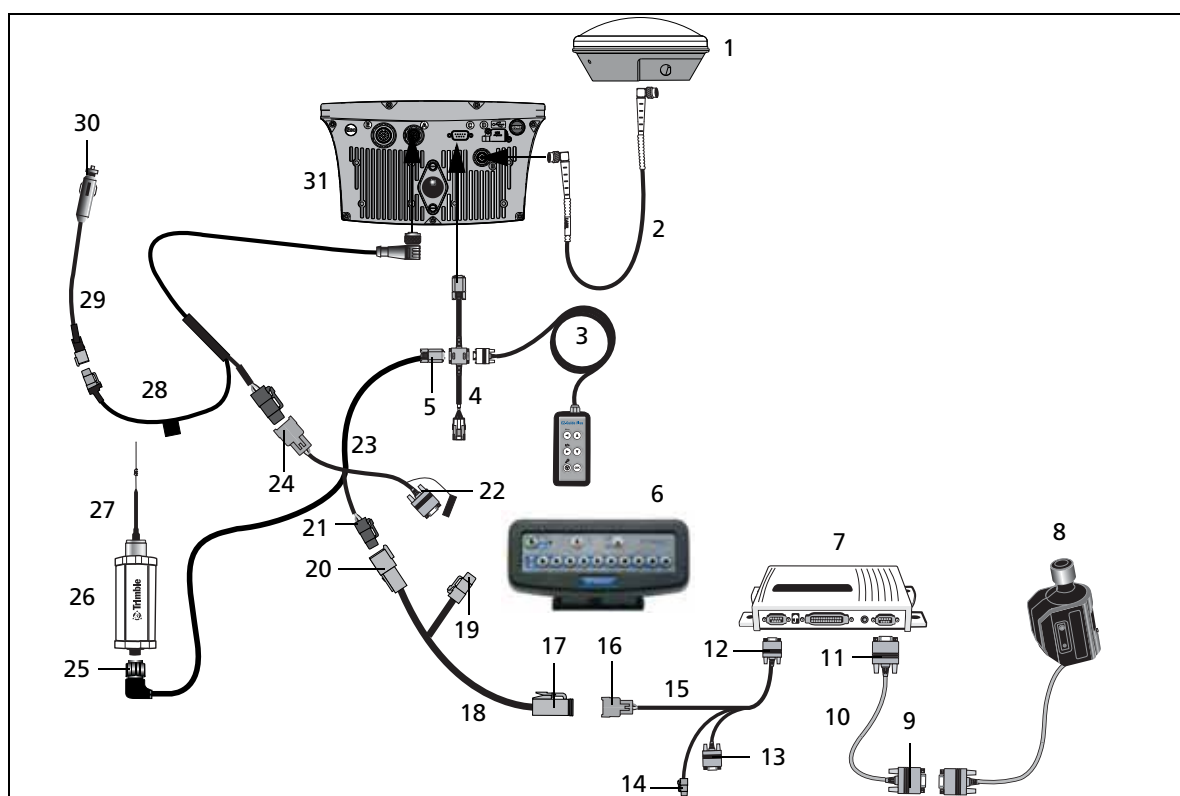


Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
1	Radio antenna	P/N 51870-x0-x0	ZTN 51870-x0-x0	N/A
2	Radio antenna cable	P/N 62109	ZTN 62109	73321239
3	PDL 450 MHz radio	P/N 62550-4x-xx	ZTN 62550-4x-xx	73313919 through 73313924
4	PDL 450 MHz radio power/data cable	AG 51861-00	ZTN 51861-00	73321237
5	EZ-Steer controller	—	—	—
6	"R2" connector	—	—	—
7	Laptop connectors (for firmware upgrade)	—	—	—
8	EZ-Steer extension cable	P/N 62974	ZTN 62974	73313925
9	Alternate power connector	—	—	—
10	"S1" connector	—	—	—
11	Remote keypad (optional)	P/N 66030-00	ZTN 66030-00	73313915

Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
12	External interface cable	P/N 62749	ZTN 62749	73321236
13	Power tap to PDL radio	P/N 63185	ZTN 63185	73321238
14	Power cable	P/N 62817	ZTN 62817	73313913
15	Power connector cable	P/N 62818	ZTN 62818	73321228
16	To power	–	–	–
17	EZ-Guide 500 lightbar	P/N 66100-xx	ZTN 66100-xx	N/A
18	GPS antenna cable	P/N 50449	87301268	87301268
19	GPS antenna	P/N 57200-00	ZTN 57200-10S	73313909

EZ-Steer 500 system / EZ-Boom system / 900 MHz RTK radio

This figure shows how to connect the EZ-Steer 500 system to an EZ-Boom 2010 system with a 900 MHz radio for RTK corrections:

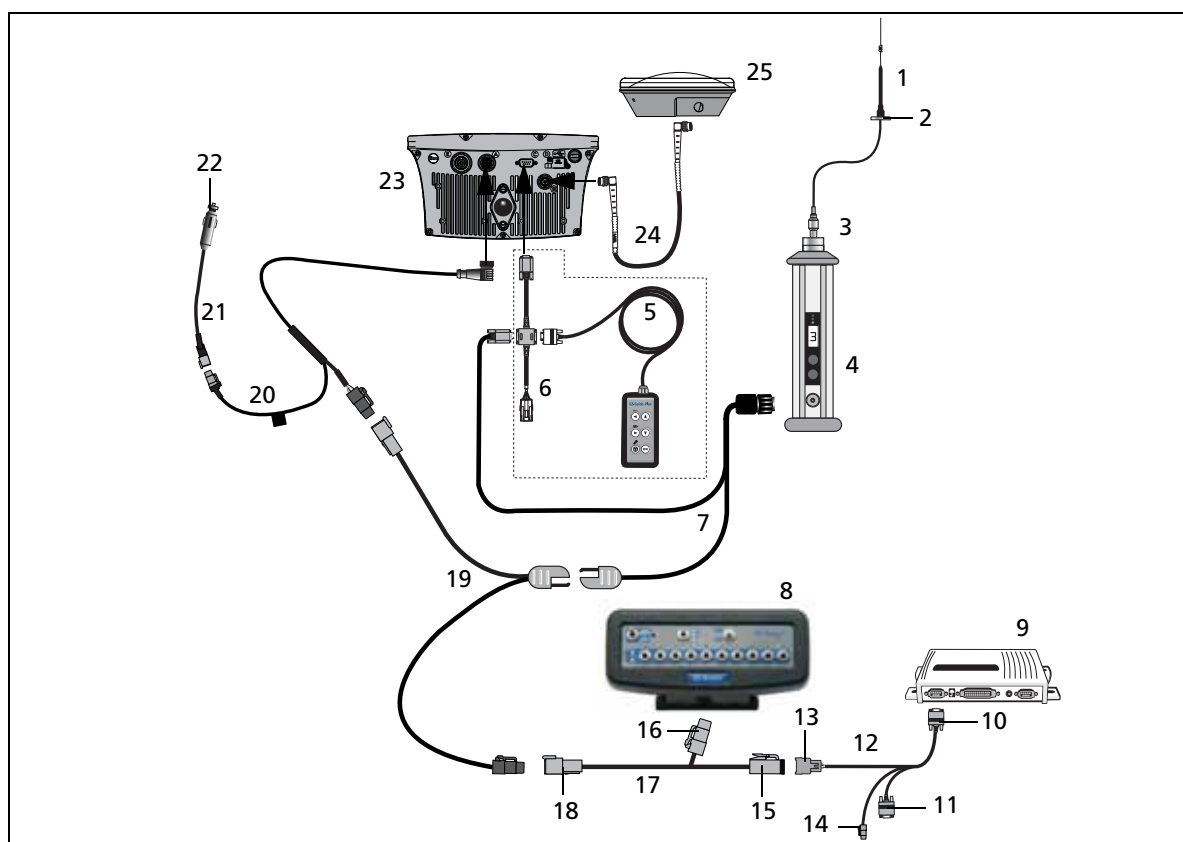


Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
1	GPS antenna	P/N 57200-00	ZTN 57200-10S	73313909
2	GPS antenna cable	P/N 50449	87301268	87301268
3	Remote keypad (optional)	P/N 66030-00	ZTN 66030-00	73313915
4	External interface cable	P/N 62749	ZTN 62749	73321236
5	"P4" connector	—	—	—
6	EZ-Boom controller	—	—	—
7	EZ-Steer controller	—	—	—
8	EZ-Steer motor	—	—	—
9	"P2" connector	—	—	—
10	EZ-Steer motor cable	P/N 62257	ZTN 62257	73316779
11	"P1" connector	—	—	—
12	"R2" connector	—	—	—
13	Laptop connector (for firmware upgrade)	—	—	—
14	Alternate power connector	—	—	—
15	EZ-Steer extension cable	P/N 62974	ZTN 62974	73313925
16	"S1" connector	—	—	—

Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
17	"P3" connector	–	–	–
18	EZ-Boom cable	P/N 61437	ZTN 61437	N/A
19	"P1" connector	–	–	–
20	"S3" connector	–	–	–
21	"P2" connector	–	–	–
22	"P3" connector	–	–	–
23	EZ-Guide 500-to-radio cable	P/N 62082	ZTN 62082	N/A
24	"S5" connector	–	–	–
25	"P1" connector	–	–	–
26	SiteNet radio	–	–	–
27	Radio antenna	P/N 22882-00	ZTN 22882-00	N/A
28	Power cable	P/N 62817	ZTN 62817	73313913
29	Power connector cable	P/N 62818	ZTN 62818	73321228
30	To power	–	–	–
31	EZ-Guide 500 lightbar	P/N 66100-xx	ZTN 66100-xx	N/A

EZ-Steer 500 system / EZ-Boom system / 450 MHz RTK radio

This figure shows how to connect the EZ-Steer 500 system to an EZ-Boom 2010 system with a 450 MHz radio for RTK corrections:



Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
1	Radio antenna	P/N 51870-x0-x0	ZTN 51870-x0-x0	N/A
2	Radio antenna magnetic mount	P/N 62109	ZTN 62109	73321239
3	Radio antenna connector	P/N 63278	ZTN 63278	N/A
4	PDL 450 MHz radio	P/N 62550-4x-xx	ZTN 62550-4x-xx	73313919 through 73313924
5	Remote keypad (optional)	P/N 66030-00	ZTN 66030-00	73313915
6	External interface cable	P/N 62749	ZTN 62749	73321236
7	PDL radio power/data cable	AG 51861-00	ZTN 51861-00	
8	EZ-Boom controller	—	—	—
9	EZ-Steer controller	—	—	—
10	"P2" connector	—	—	—
11	Laptop connector (for firmware upgrade)	—	—	—
12	EZ-Steer extension cable	P/N 62974	ZTN 62974	73313925
13	"S1" connector	—	—	—

Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
14	Alternate power connector	–	–	–
15	“P3” connector	–	–	–
16	“P1” connector	–	–	–
17	EZ-Boom cable	P/N 61437	ZTN 61437	N/A
18	“S3” connector	–	–	–
19	Power tap to PDL radio	P/N 63185	ZTN 63185	73321238
20	Power cable	P/N 62817	ZTN 62817	73313913
21	Power connector cable	P/N 62818	ZTN 62818	73321228
22	To power	–	–	–
23	EZ-Guide 500 lightbar	P/N 66100-xx	ZTN 66100-xx	N/A
24	GPS antenna cable	P/N 50449	87301268	87301268
25	GPS antenna	P/N 57200-00	ZTN 57200-10S	73313909

Connecting to an AgGPS Autopilot System

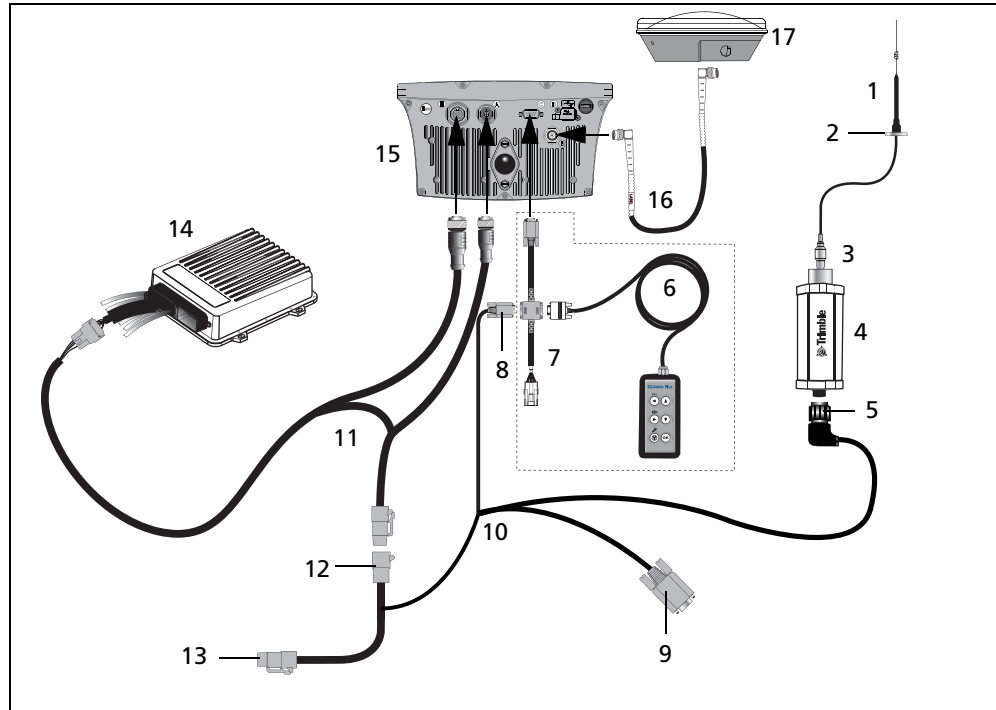
In this chapter:

- EZ-Guide 500 / Autopilot / 900 MHz RTK corrections (old cables)
- EZ-Guide 500 / Autopilot / 900 MHz RTK corrections (new cables)
- EZ-Guide 500 / Autopilot / 450 MHz RTK corrections
- EZ-Guide 500 / Autopilot / EZ-Boom / 900 MHz radio (old cables)
- EZ-Guide 500 / Autopilot / EZ-Boom / 900 MHz radio (new cables)
- EZ-Guide 500 / Autopilot / EZ-Boom / 450 MHz radio

This chapter shows the different ways to connect the EZ-Guide 500 lightbar to an AgGPS Autopilot system.

EZ-Guide 500 / Autopilot / 900 MHz RTK corrections (old cables)

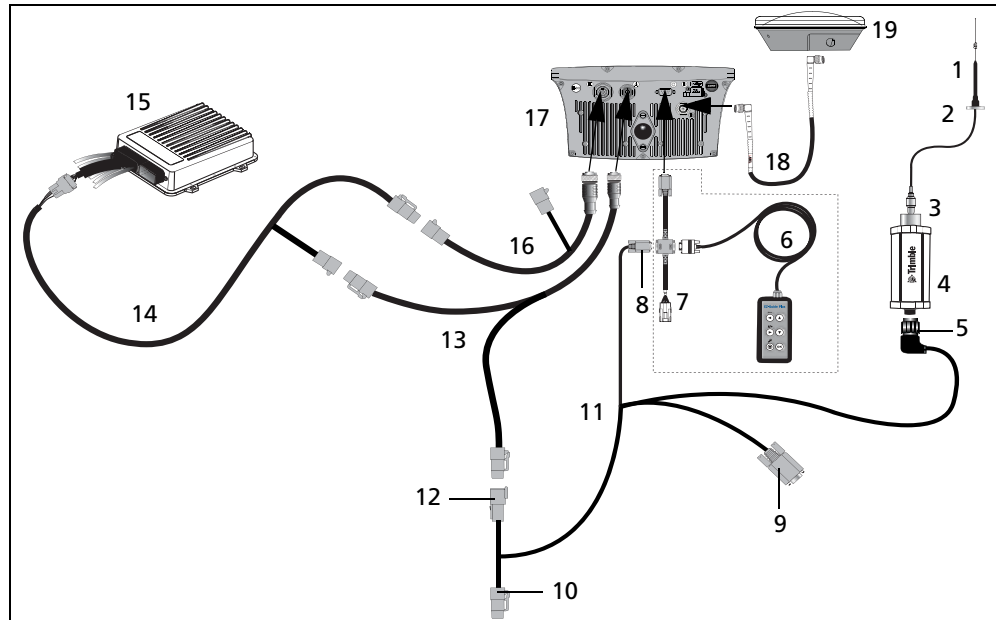
This figure shows how to connect an EZ-Guide 500 lightbar to an AgGPS Autopilot system with RTK corrections:



Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
1	Radio antenna	P/N 22882-00	ZTN 22882-00	N/A
2	Radio antenna magnetic mount	P/N 62109	ZTN 62109	73321239
3	Radio antenna connector	P/N 46740	ZTN 46740	N/A
4	SiteNet radio	—	—	—
5	"P1" (radio) connector	—	—	—
6	Remote keypad (optional)	P/N 66030-00	ZTN 66030-00	73313915
7	External interface cable	P/N 62749	ZTN 62749	73321236
8	"P4" connector	—	—	—
9	"P3" (laptop) connector	—	—	—
10	EZ-Guide 500-to-radio cable	P/N 62082	ZTN 62082	N/A
11	Autopilot-to-EZ-Guide 500 cable	P/N 62063	ZTN 62063	N/A
12	"S5" connector	—	—	—
13	"P2" connector	—	—	—
14	AgGPS Autopilot controller	—	—	—
15	EZ-Guide 500 lightbar	P/N 66100-xx	ZTN 66100-xx	N/A
16	GPS antenna cable	P/N 50449	87301268	87301268
17	GPS antenna	P/N 57200-00	ZTN 57200-10S	73313909

EZ-Guide 500 / Autopilot / 900 MHz RTK corrections (new cables)

This figure shows how to connect an EZ-Guide 500 lightbar to an AgGPS Autopilot system with RTK corrections:

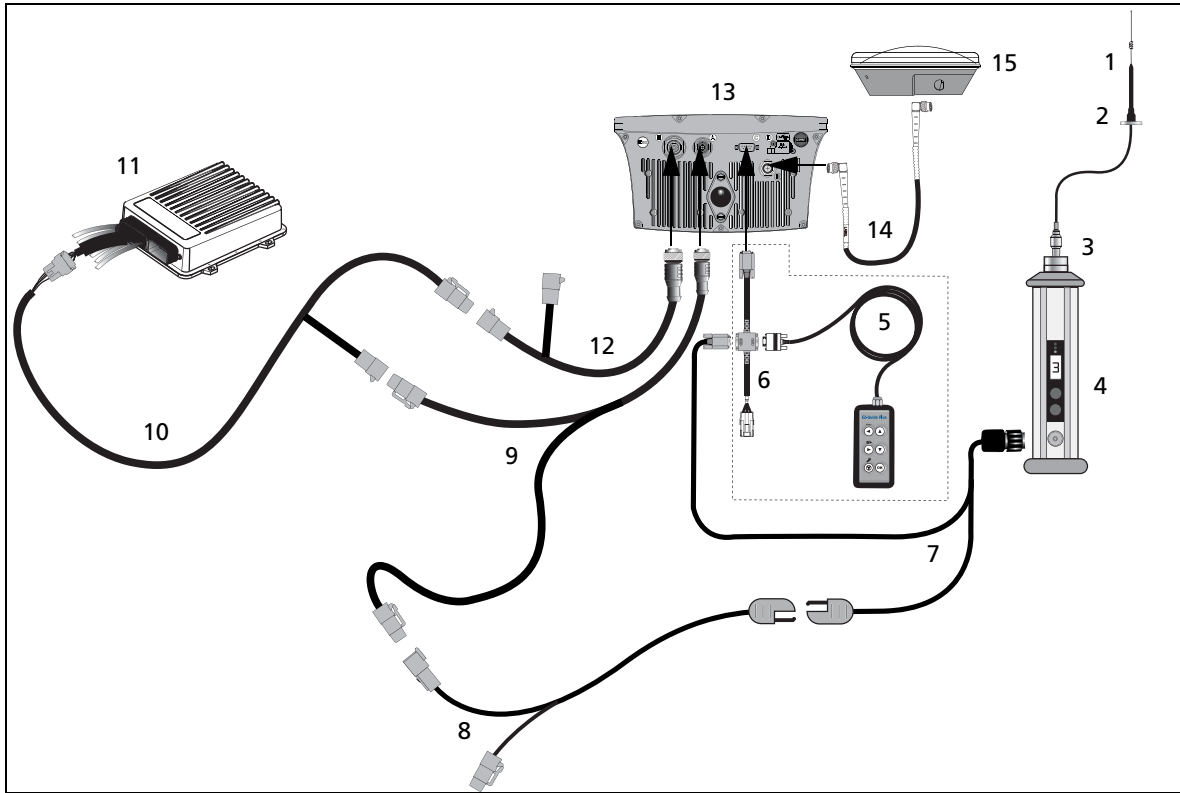


Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
1	Radio antenna	P/N 22882-00	ZTN 22882-00	N/A
2	Radio antenna magnetic mount	P/N 62109	ZTN 62109	73321239
3	Radio antenna connector	P/N 46740	ZTN 46740	N/A
4	SiteNet radio	—	—	—
5	"P1" (radio) connector	—	—	—
6	Remote keypad (optional)	P/N 66030-00	ZTN 66030-00	73313915
7	External interface cable	P/N 62749	ZTN 62749	73321236
8	"P4" connector	—	—	—
9	"P3" connector	—	—	—
10	"P2" connector	—	—	—
11	EZ-Guide 500-to-radio cable	P/N 62082	ZTN 62082	N/A
12	"S5" connector	—	—	—
13	EZ-Guide 500 power cable	P/N 62817	ZTN 62817	73313913
14	EZ-Guide 500-to-Autopilot cable	P/N 62754	ZTN 62754	73321202
15	AgGPS Autopilot controller	—	—	—
16	Port expansion cable	P/N 62609	ZTN 62609	73321201
17	EZ-Guide 500 lightbar	P/N 66100-xx	ZTN 66100-xx	N/A

Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
18	GPS antenna cable	P/N 50449	87301268	87301268
19	GPS antenna	P/N 57200-00	ZTN 57200-10S	73313909

EZ-Guide 500 / Autopilot / 450 MHz RTK corrections

This figure shows how to connect an EZ-Guide 500 lightbar to an AgGPS Autopilot system with 450 MHz RTK corrections:

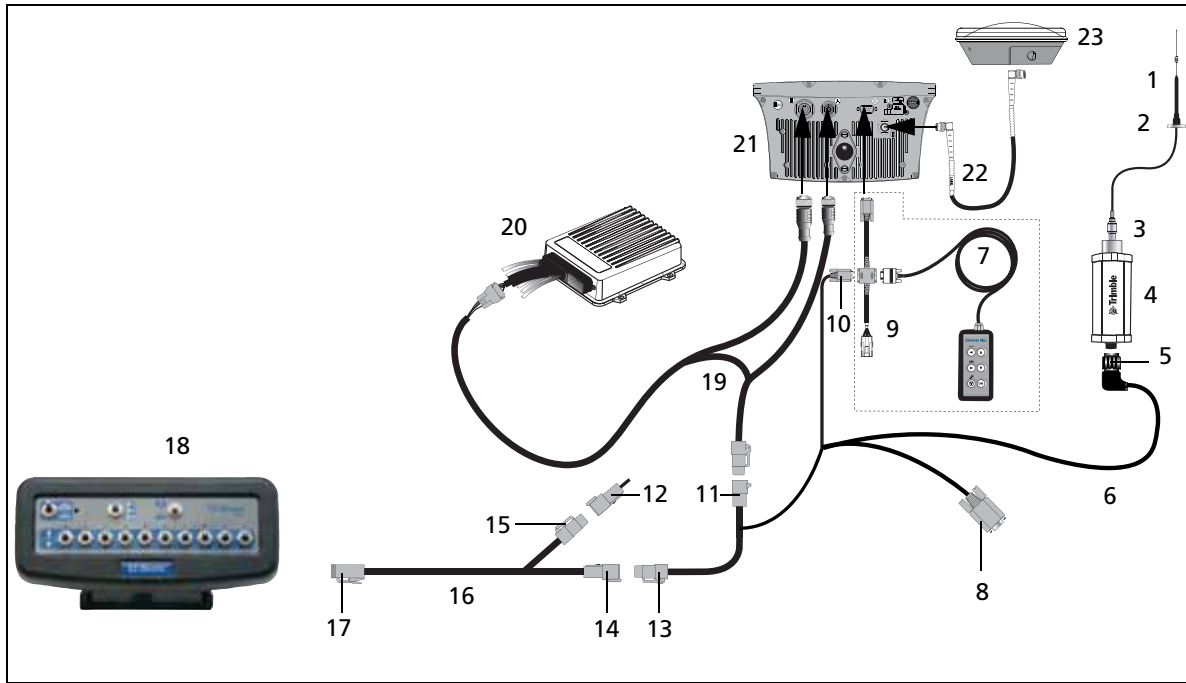


Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
1	Radio antenna	P/N 51870-x0-x0	ZTN 51870-x0-x0	N/A
2	Radio antenna magnetic mount	P/N 62109	ZTN 62109	73321239
3	Radio antenna connector	P/N 63278	ZTN 63278	N/A
4	PDL 450 radio	P/N 62550-4x-xx	ZTN 62550-4x-xx	73313919 through 73313824
5	Remote keypad (optional)	P/N 66030-00	ZTN 66030-00	73313915
6	External interface cable	P/N 62749	ZTN 62749	73321236
7	PDL radio power/data cable	AG 51861-00	ZTN 51861-00	73321237
8	Power tap to PDL radio	P/N 63185	ZTN 63185	73321238
9	EZ-Guide 500 power cable	P/N 62817	ZTN 62817	73313913
10	EZ-Guide 500-to-Autopilot cable	P/N 62754	ZTN 62754	73321202
11	AgGPS Autopilot controller	–	–	–
12	Port expansion cable	P/N 62609	ZTN 62609	73321201
13	EZ-Guide 500 lightbar	P/N 66100-xx	ZTN 66100-xx	N/A

Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
14	GPS antenna cable	P/N 50449	87301268	87301268
15	GPS antenna	P/N 57200-00	ZTN 57200-10S	73313909

EZ-Guide 500 / Autopilot / EZ-Boom / 900 MHz radio (old cables)

This figure shows how to connect an EZ-Guide 500 lightbar to an AgGPS Autopilot system, an EZ-Boom 2010 system, and a 900 MHz radio (with the old cables):

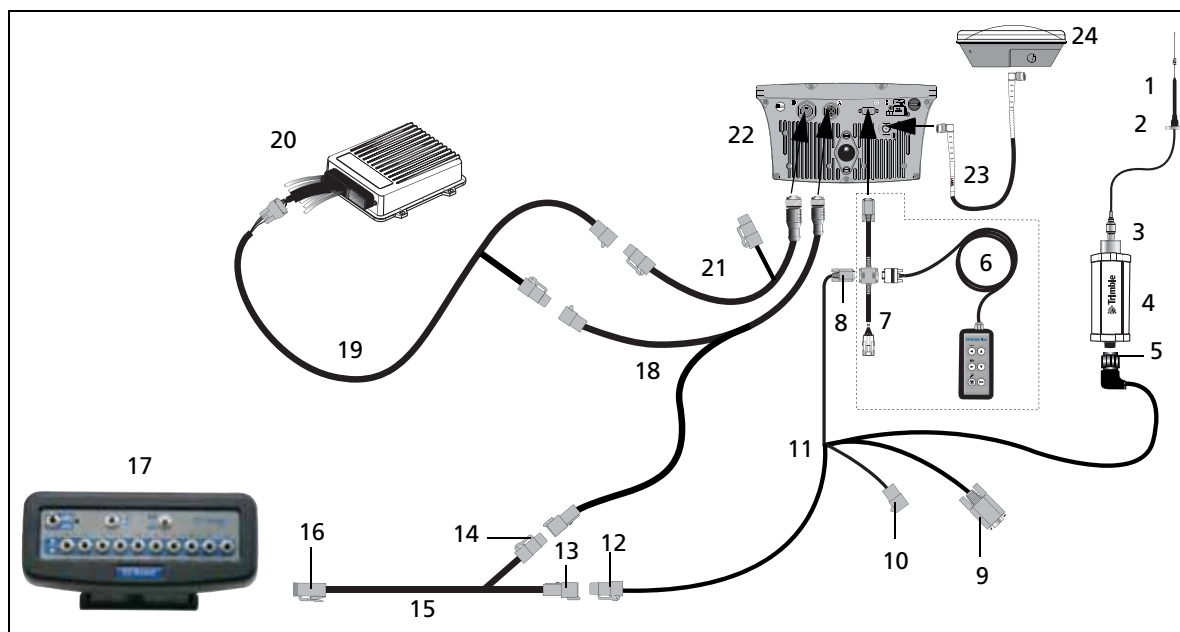


Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
1	Radio antenna cable	P/N 22882-00	ZTN 22882-00	N/A
2	Radio antenna magnetic mount	P/N 62109	ZTN 62109	73321239
3	Radio antenna adaptor	P/N 46740	ZTN 46740	N/A
4	SiteNet radio	—	—	—
5	"P1" (radio) connector	—	—	—
6	EZ-Guide 500-to-radio cable	P/N 62082	ZTN 62082	N/A
7	Remote keypad (optional)	P/N 66030-00	ZTN 66030-00	73313915
8	"P3" (laptop) connector	—	—	—
9	External interface cable	P/N 62749	ZTN 62749	73321236
10	"P4" connector	—	—	—
11	"S5" connector	—	—	—
12	CAN terminator	P/N 59783	ZTN 59783	N/A
13	"P2" connector	—	—	—
14	"S3" connector	—	—	—
15	"P1" connector	—	—	—
16	EZ-Boom cable	P/N 61437	ZTN 61437	N/A
17	"P3" connector	—	—	—
18	EZ-Boom controller	—	—	—

Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
19	Autopilot-to-EZ-Guide 500 cable	P/N 62063	ZTN 62063	N/A
20	AgGPS Autopilot controller	–	–	–
21	EZ-Guide 500 lightbar	P/N 66100-xx	ZTN 66100-xx	N/A
22	GPS antenna cable	P/N 50449	87301268	87301268
23	GPS antenna	P/N 57200-00	ZTN 57200-10S	73313909

EZ-Guide 500 / Autopilot / EZ-Boom / 900 MHz radio (new cables)

This figure shows how to connect an EZ-Guide 500 lightbar to an AgGPS Autopilot system, an EZ-Boom 2010 system, and a 900 MHz radio (with the new cables):

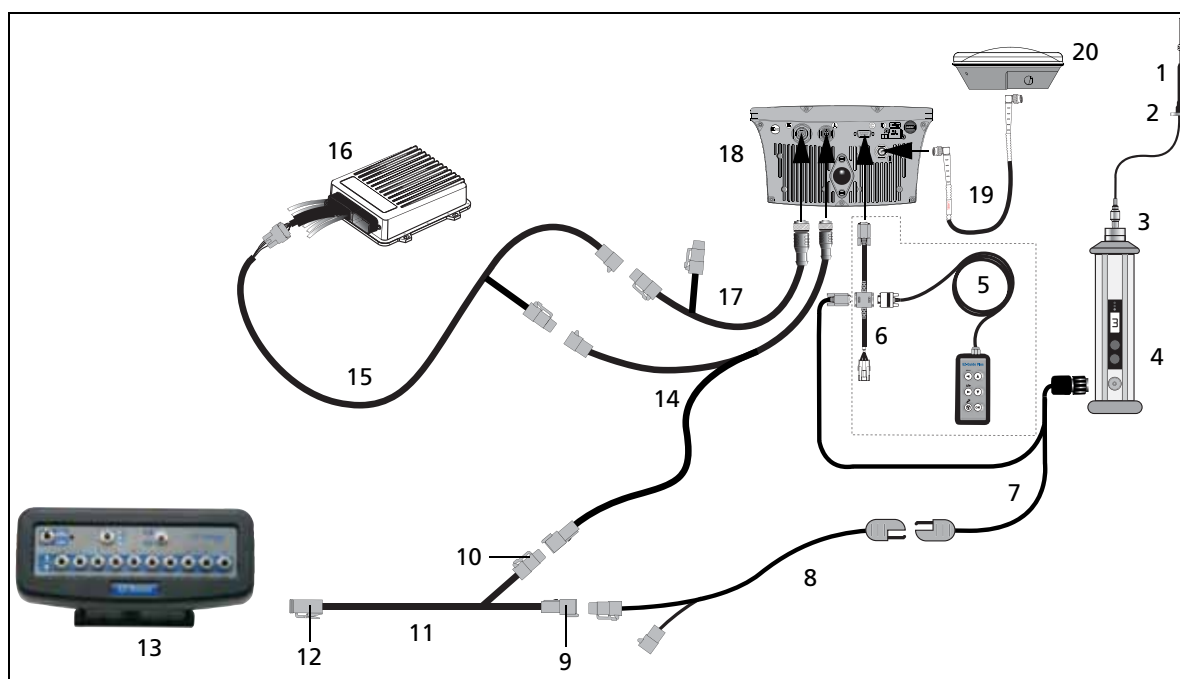


Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
1	Radio antenna cable	P/N 22882-00	ZTN 22882-00	N/A
2	Radio antenna magnetic mount	P/N 62109	ZTN 62109	73321239
3	Radio antenna connector	P/N 46740	ZTN 46740	N/A
4	SiteNet radio	—	—	—
5	"P1" connector	—	—	—
6	Remote keypad (optional)	P/N 66030-00	ZTN 66030-00	73313915
7	External interface cable	P/N 62749	ZTN 62749	73321236
8	"P4" connector	—	—	—
9	"P3" connector	—	—	—
10	"S5" connector	—	—	—
11	EZ-Guide 500-to-radio cable	P/N 62082	ZTN 62082	N/A
12	"P2" connector	—	—	—
13	"S3" connector	—	—	—
14	"P1" connector	—	—	—
15	EZ-Boom cable	P/N 61437	ZTN 61437	N/A
16	"P3" connector	—	—	—
17	EZ-Boom controller	—	—	—
18	Power cable	P/N 62817	ZTN 62817	73313913

Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
19	EZ-Guide 500-to-Autopilot cable	P/N 62754	ZTN 62754	73321202
20	AgGPS Autopilot controller	–	–	–
21	Port expansion cable	P/N 62609	ZTN 62609	73321201
22	EZ-Guide 500 lightbar	P/N 66100-xx	ZTN 66100-xx	N/A
23	GPS antenna cable	P/N 50449	87301268	87301268
24	GPS antenna	P/N 57200-00	ZTN 57200-10S	73313909

EZ-Guide 500 / Autopilot / EZ-Boom / 450 MHz radio

This figure shows how to connect an EZ-Guide 500 lightbar to an AgGPS Autopilot system, an EZ-Boom 2010 system, and a 450 MHz radio:



Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
1	Radio antenna	P/N 51870-x0-x0	ZTN 51870-x0-x0	N/A
2	Radio antenna magnetic mount	P/N 62109	ZTN 62109	73321239
3	Radio antenna connector	P/N 63278	ZTN 63278	N/A
4	PDL 450 radio	P/N 62550-4x-xx	ZTN 62550-4x-xx	73313919 through 73313824
5	Remote keypad (optional)	P/N 66030-00	ZTN 66030-00	73313915
6	External interface cable	P/N 62749	ZTN 62749	73321236
7	PDL radio power/data cable	AG 51861-00	ZTN 51861-00	73321237
8	Power tap to PDL radio	P/N 63185	ZTN 63185	73321238
9	"S3" connector	—	—	—
10	"P1" connector	—	—	—
11	EZ-Boom cable	P/N 61437	ZTN 61437	N/A
12	"P3" connector	—	—	—
13	EZ-Boom controller	—	—	—
14	EZ-Guide 500 power cable	P/N 62817	ZTN 62817	73313913
15	EZ-Guide 500-to-Autopilot cable	P/N 62754	ZTN 62754	73321202
16	AgGPS Autopilot controller	—	—	—

Item	Description	Trimble part number	CNH N.A. part number	CNH EU part number
17	Port expansion cable	P/N 62609	ZTN 62609	73321201
18	EZ-Guide 500 lightbar	P/N 66100-xx	ZTN 66100-xx	N/A
19	GPS antenna cable	P/N 50449	87301268	87301268
20	GPS antenna	P/N 57200-00	ZTN 57200-10S	73313909