ECCO®

MINING SOLUTIONS

GETTING THE JOB DONE
SAFELY

At ECCO we appreciate just how dangerous quarrying and mining is. And we're not talking about working underground, with explosives or using huge drilling, excavating and crushing equipment, we're just talking about the inherent danger of operating and working around the huge mobile equipment that is commonplace on mine sites.

Mining equipment typically operates 24 hours a day, 365 days a year, through all kinds of weather and in some of the most extreme environments on earth. Dark conditions and constant exposure to heat, cold, dust, dirt, moisture and severe vibration requires that only the most durable, high-performance safety and warning equipment will hold up in this application. The sheer size of many types of mining equipment also poses its unique challenges, driver visibility all around the vehicle can be extremely limited with many smaller service vehicles and personnel moving around in close proximity.

ECCO offers an extensive line of safety solutions that are ideally suited to all kinds of mining equipment and vehicles. High intensity LED warning lights signal the hazard of an approaching piece of equipment to ground personnel while our range of heavy-duty worklamps ensure that even in the lowest visibility operators can see clearly what they are doing, minimizing the risk of personal injury. Finally ECCOs reversing safety solutions include back-up alarms to warn of reversing vehicles while our camera systems assist drivers in avoiding blind spot obstacles.
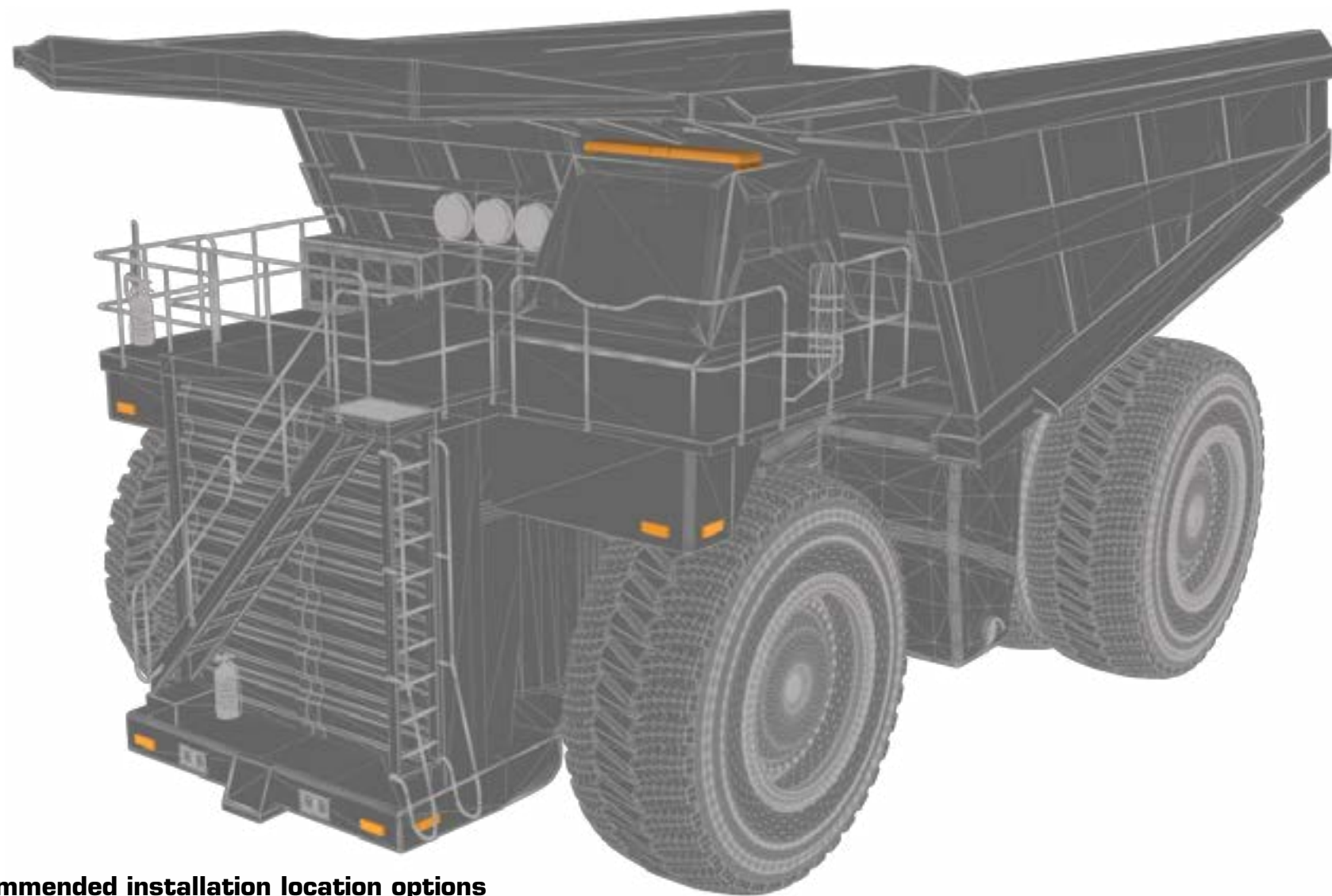
Read on to learn about specially selected, high-output, heavy-duty products that are ideal for use on mining equipment.

ECCO®

WARNING LIGHTS

ECCO®

MINING SOLUTIONS

Recommended installation location options

Lightbars

54" **# 12-00005-E** *VANTAGE*
- **C** Amber
- **T** 16 LEDs, 2 WL, 2 AL, 2 STT
- **V** 12-24
- **A** 11.0
- ⊘ SAE J845 Class I, California Title 13, CE, R10
- 🕑 3 Year

60" **# 12-00006-E** *VANTAGE*
- **C** Amber
- **T** 16 LEDs, 2 WL, 2 AL, 2 STT
- **V** 12-24
- **A** 11.0
- ⊘ SAE J845 Class I, California Title 13, CE, R10
- 🕑 3 Year

AVAILABLE COLORS (12 & 14 Series)
Amber, Blue, Clear, Green & Red

Custom configurations available

48" **# 14-00001-E** *AXXIOS*
- **C** Amber
- **T** 12 LEDs, 2 WL, 2 AL
- **V** 12-24
- **A** 14.4
- ⊘ SAE J845 Class I, Cal. Title 13, R65, R10
- 🕑 5 Year

39" **# 14-00005-E** *AXXIOS*
- **C** Amber
- **T** 8 LEDs
- **V** 12-24
- **A** 7.2
- ⊘ SAE J845 Class I, Cal. Title 13, R65, R10
- 🕑 5 Year

Directional LEDs

 # 3510A
- **C** Amber
- **V** 12-24
- **A** 0.75
- ✖ 2 Bolt
- ⊘ SAE J595 Class I California Title 13, CE, R10
- 🕑 5 Year

AVAILABLE COLORS
Amber, Blue, Clear, Green & Red

 # 9014A *Hide-A-LED*
- **C** Amber
- **T** 6 LEDs 1 Head
- **V** 12-24
- **A** 0.9
- ✖ 2 Bolt
- ⊘ CE, R10, IP67
- 🕑 2 Year

AVAILABLE COLORS
Amber, Blue, Clear & Red

 # 3811A
- **C** Amber
- **V** 12-24
- **A** 0.4
- ✖ 2 Bolt
- ⊘ SAE J595 Class I CE, R10
- 🕑 3 Year

3861A
- Amber
- 12-24
- 0.4
- Grommet
- SAE J595 Class I CE, R10
- 3 Year

AVAILABLE COLORS
Amber, Blue, Clear & Red

Synchronization Capable
Where applicable, change A in part number to available color

MINING SOLUTIONS
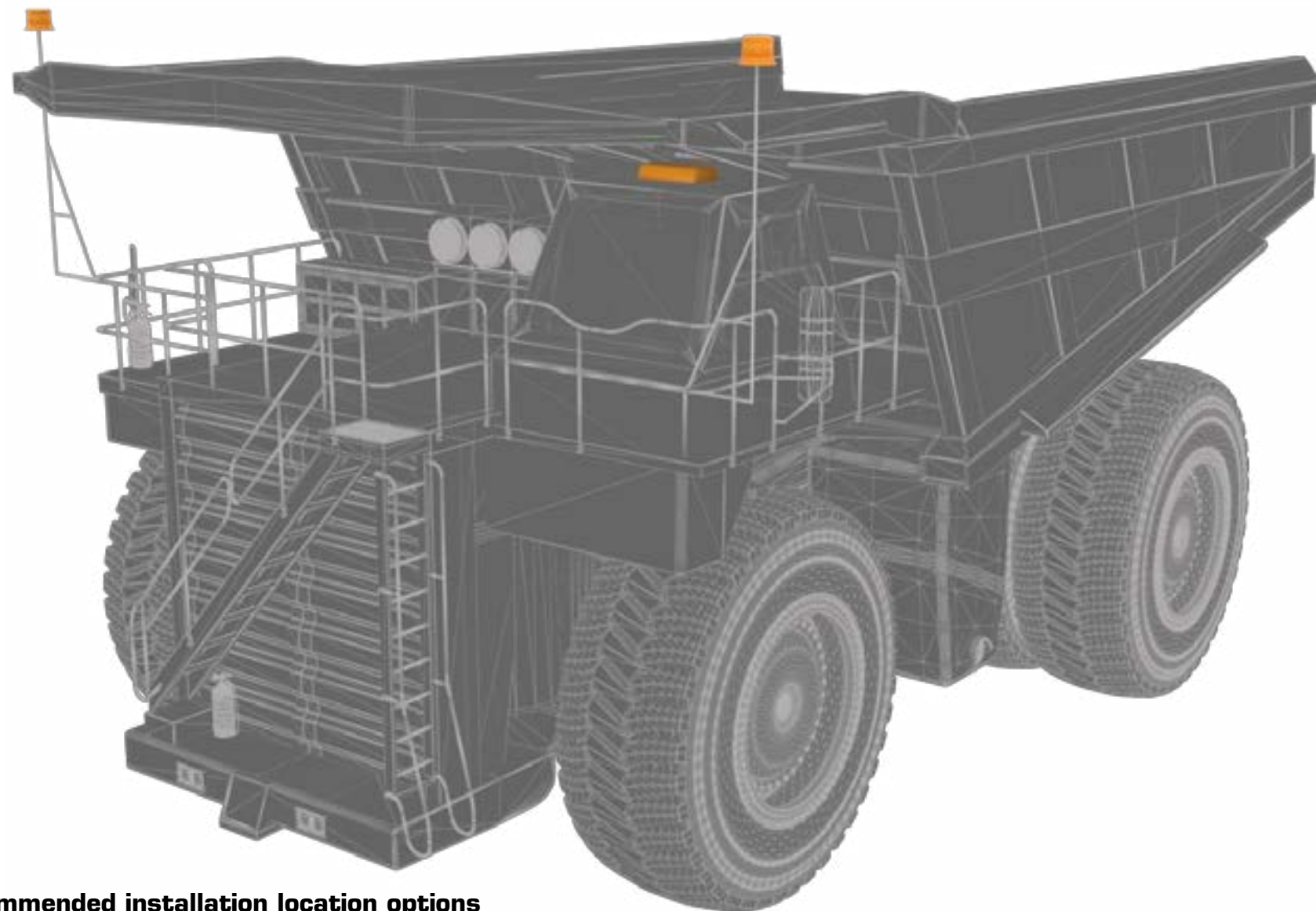
Recommended installation location options

Beacons

 # 7975A
- T Severe Vibration
- C Amber
- V 12-24
- A 3.6
- X 3 Bolt / 1" Pipe
- SAE J845 Class I, CE, R10
- 2 Year

AVAILABLE COLORS (7900 SERIES)
Amber, Blue, Clear, Green & Red

CA models = clear lens / amber illumination | CC models = clear lens / clear illumination

 # 7980A
- T Severe Vibration
- C Amber
- V 12-24
- A 3.6
- X 3 Bolt / 1" Pipe
- SAE J845 Class I, CE, R10
- 2 Year

 # EB7930A
- T Severe Vibration
- C Amber
- V 12-48
- A 1.3
- X 3 Bolt / 1" Pipe
- SAE J845 Class II, CE, R10
- 2 Year

 # EB7935A
- T Severe Vibration
- C Amber
- V 12-48
- A 1.3
- X 3 Bolt / 1" Pipe
- SAE J845 Class II, CE, R10
- 2 Year

 # 7960A
- C Amber
- V 12-24
- A 3.7
- X 3 Bolt / 1" Pipe
- SAE J845 Class I, CE, R10, IP56
- 5 Year

AVAILABLE COLORS
Amber, Blue, Clear & Red

CA models = clear lens / amber illumination

 # 7960A-VM
- C Amber
- V 12-24
- A 3.7
- X Vacuum-Magnet
- SAE J845 Class I, CE, R10
- 5 Year

 # 7660A
- C Amber
- V 12-24
- A 2.1
- X 125
- 3 Bolt
  SAE J845 Class I, CE, R10, IP67
- 5 Year

AVAILABLE COLORS
Amber, Blue, Clear, Green & Red

CA models = clear lens / amber illumination

 # 7660A-VM
- C Amber
- V 12-24
- A 2.1
- X 125
- Vacuum-Magnet
  SAE J845 Class I, CE, R10, IP67
- 5 Year

Where applicable, change A in part number to available color

Minibars

 # 5585A REFLEX
- C Amber
- V 12-24
- A 5.1
- X 4 Bolt
- SAE J845 Class I, CE, R10, IP65
- 3 Year

AVAILABLE COLORS
Amber, Blue, Clear, Green, Red & Amber/Clear
(MG models amber illumination only)

 # 5580A REFLEX
- C Amber
- V 12-24
- A 2.7
- X 4 Bolt
- SAE J845 Class II, CE, R10, IP65
- 3 Year

AVAILABLE COLORS
Amber

WHITE LIGHTING

ECCO®
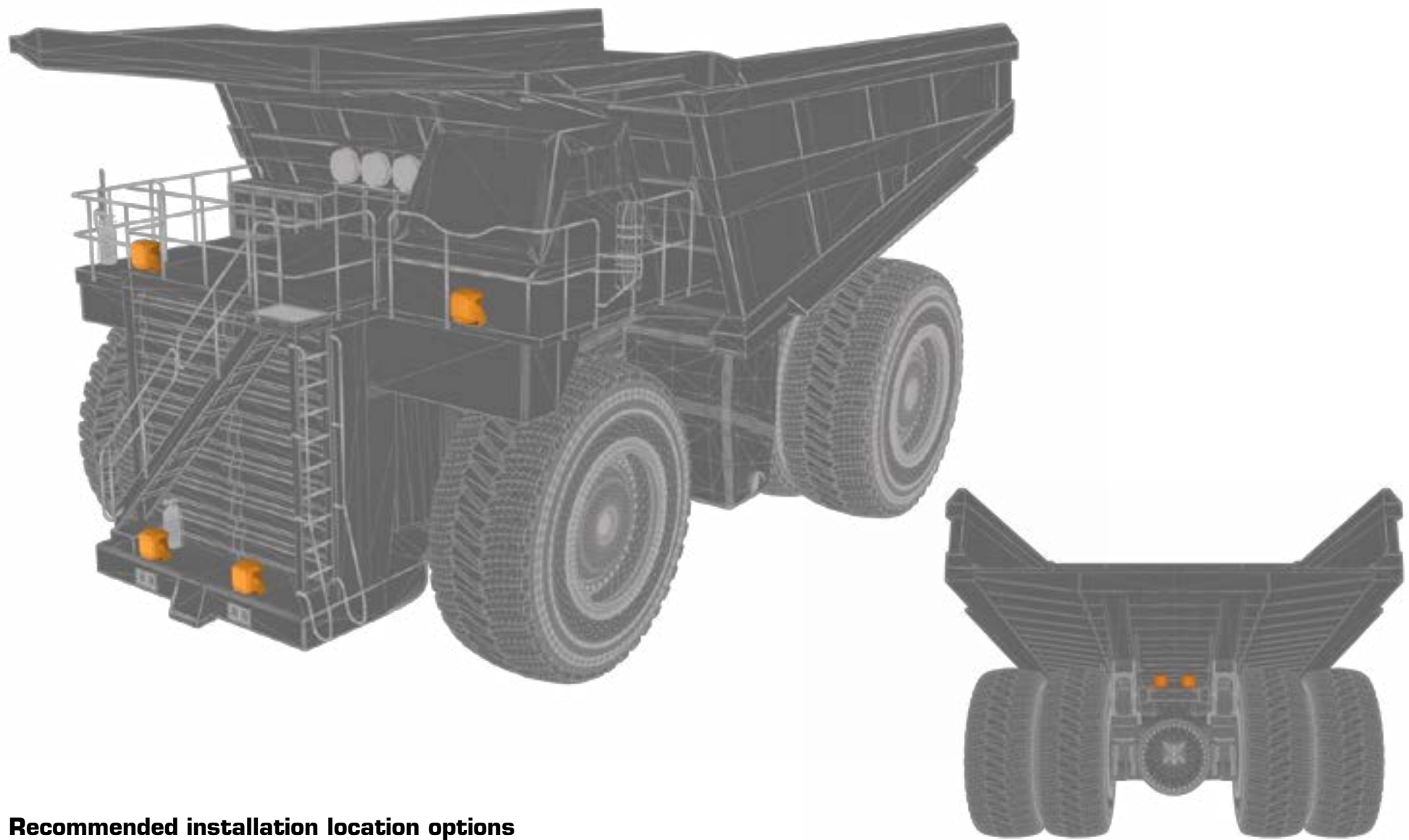
Recommended installation location options

 # EW2311
V 12-24
A 5.3
L 4950 Raw, 3600 Effective
Flood
IP69K
3 Year

 # EW2310
V 12-24
A 5.3
L 5100 Raw, 3600 Effective
Spot
IP69K
3 Year

 # EW2511
V 12-24
A 4.8
L 5000 Raw, 4500 Effective
Flood
2 Year

 # EW2510
V 12-24
A 4.8
L 5100 Raw, 4500 Effective
Spot
2 Year

 # EW2331
V 12-24
A 4.8
L 4850 Raw, 3900 Effective
Flood
3 Year

 # EW2330
V 12-24
A 4.8
L 4600 Raw, 3950 Effective
Spot
3 Year

 # EW2450
V 12-24
A 2.2
L 1300 Raw, 1100 Effective
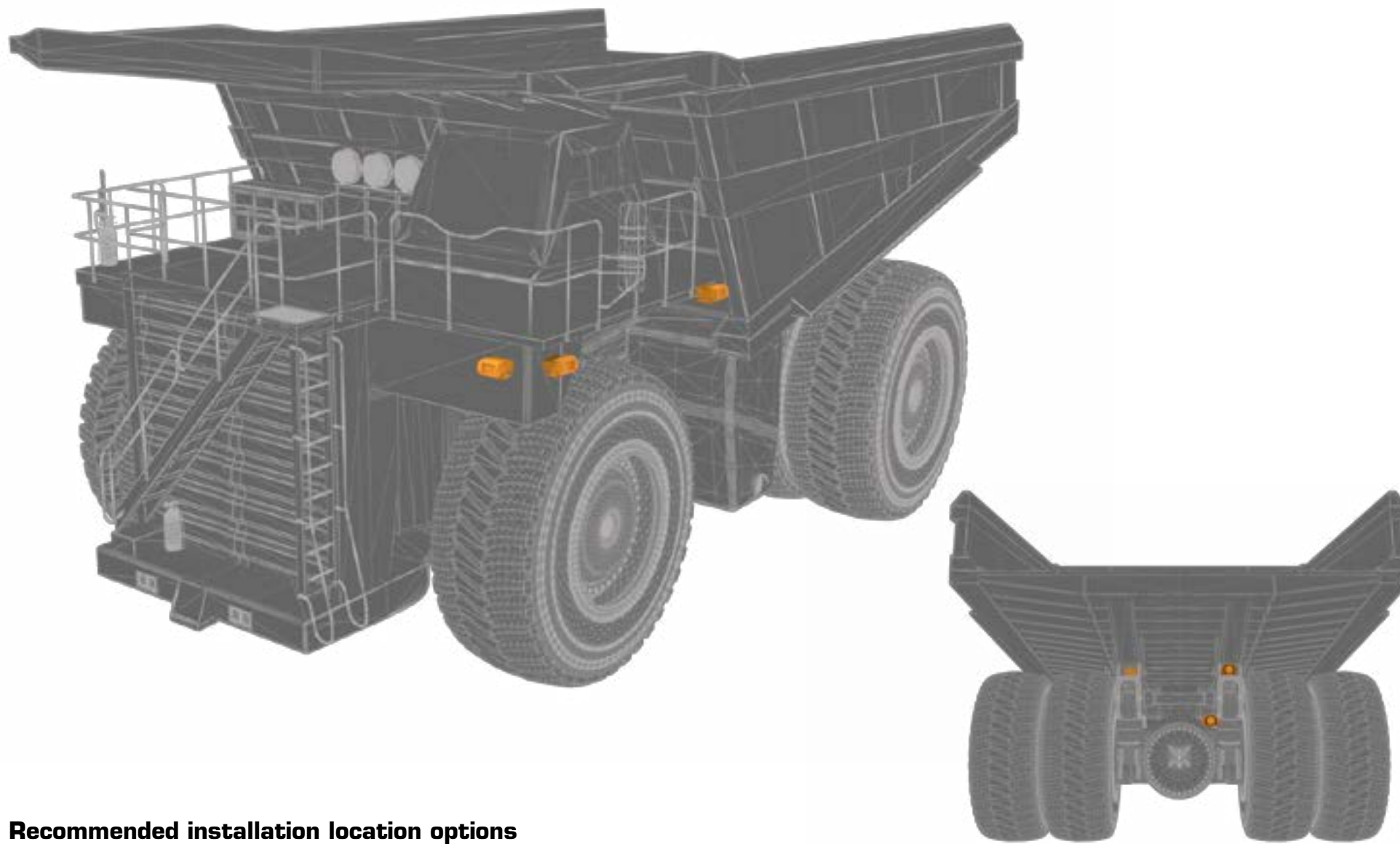Spot
CE
3 Year

 # EW2451
V 12-24
A 2.2
L 1300 Raw, 1100 Effective
Flood
CE
3 Year

 # EW2461CA-NA
C Clear / Amber
V 12-24
L 650 Raw, 600 Effective (clear)
Flood
1 Year

REVERSING SAFETY

MINING SOLUTIONS

Back-Up Alarms

630N
- v 12-36
- dB(A) 107
- A 1.2
- ✖ 2 Bolt
- ⊘ SAE J994 Type B, CE, R10, UL, AMECA
- ⏱ ECCOLIFE™

SA901N SMART ALARM
- v 12-24
- dB(A) 82-107
- A 0.3
- ✖ 2 Bolt
- ⊘ CE, R10, UL, IP64
- ⏱ ECCOLIFE™

850N
- v 12-36
- dB(A) 112
- A 1.3
- ✖ 2 Bolt
- ⊘ SAE J994 Type A, CE, R10, UL, AMECA
- ⏱ ECCOLIFE™

SA917N SMART ALARM
- v 12-24
- dB(A) 87-112
- A 1.5
- ✖ 2 Bolt
- ⊘ SAE J994 Type F, CE, R10
- ⏱ ECCOLIFE™

777
- v 12-24
- dB(A) 97/107/112 Switchable
- A 0.8
- ✖ 2 Bolt
- ⊘ SAE J994 Type A, B, C, CE, R10, IP66
- ⏱ 2 Year

SA920
- v 12-24
- dB(A) 97-112
- A 0.6
- ✖ 2 Bolt
- ⊘ CE, R10, IP66
- ⏱ 2 Year

Multi-Frequency Alarms

EA9724 MULTI FREQUENCY SMART ALARM
- v 12-24
- dB(A) 77-97
- A 0.7
- ✖ 2 Bolt
- ⊘ SAE J994 Type F, CE, R10, IP64
- ⏱ ECCOLIFE™

EA9070 SMART ALARM
- v 12-24
- dB(A) 87-107
- A 0.9
- ✖ 2 Bolt
- ⊘ SAE J994 Type F, CE, R10, IP66
- ⏱ ECCOLIFE™

EA7070
- v 12-24
- dB(A) 107
- A 0.8
- ✖ 2 Bolt
- ⊘ SAE J994 Type B CE, R10, AMECA, IP66
- ⏱ ECCOLIFE™

Camera Systems

K7000B Gemineye
7" LCD color system
CMOS 18 LED infrared camera
Includes monitor sunshade
Two camera expandable
One year warranty

EC7000-QK Gemineye
7" Quad view LCD color system
Quad view, split screen
CMOS 11 LED infrared camera
Four camera expandable
One year warranty

Recommended installation location options

ESG®
ECCO SAFETY GROUP

Worldwide leader in
commercial and emergency
vehicle warning and safety products

www.eccosafetygroup.com

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