

# UL203

## Conversion Kit® for CAT® R1700, R1700K, R1700 XE Underground Loaders



Ask to see Immersive Technologies' extensive catalog of quantified business improvements, solving problems in areas such as safety, productivity, reactive maintenance and the availability of skilled equipment operators.

REAL RESULTS MEAN IMPROVEMENTS*	
<b>SAFETY</b>	
↑ 56%	Correct Emergency Response
↑ 54%	Traffic Incidents
<b>UNSCHEDULED MAINTENANCE</b>	
↑ 65%	Brake Abuse
↑ 63%	Engine Overspeed
<b>COST SAVINGS</b>	
↓ 51%	Training Hours on Equipment
↓ 24%	Tire Life
<b>PRODUCTIVITY</b>	
↓ 16%	Spot Time
↑ 10%	Payloads

\* All results are average in-field improvements, documented and verified by external parties.

The Cat® R1700, R1700K, R1700 XE Underground Loader simulator features the latest generation cabin design. By using OEM parts, we've created a high-fidelity simulator which mirrors significant updates to operator controls and device layout. This simulator fully replicates these advancements, promoting muscle memory development during training activities, making it an essential tool for any site utilizing modern Cat® machinery.

With mining equipment becoming increasingly technically sophisticated, the level of information, experience and organizational competencies required to accurately simulate these machines also increases. Through Immersive Technologies' industry experience, you can be assured your training solution will be the only accurate and true representation of the real machine available.



# Expect Results

## UL203 Conversion Kit® for Cat® R1700, R1700K, R1700 XE Underground Loaders



Genuine Cat® parts guarantee optimal fidelity and superior operator training.

The large, high-resolution monitor displays real-time machine information and performance metrics.

Replicating real machine dynamics means operators are prepared for real-world challenges.



Conversion Kit Features

CONVERSION KIT® COMPATIBLE WITH  
SIMULATOR SERIES

**IM360+**

### Innovative Simulator Training Software

Immersive Technologies' SimControl software includes a range of specific Cat® 1700, R1700K and R1700 XE Underground Loader operator errors for recording and measuring incorrect operator behaviors. In addition, SimControl allows a trainer to initiate machine faults or incidents in order to train and assess operators in responding appropriately.

Training opportunities include:

- Hazard Avoidance
- Brake Testing Procedures
- Gear Management
- Tire Preservation
- Engine Management
- Minimizing Unscheduled Maintenance



### Industry Leading Mining Simulators

As the world's largest supplier of mining equipment simulators, Immersive Technologies has deployed solutions in 53 countries and works closely with mining operations and equipment manufacturers to solve real industry problems in areas of safety, productivity, reactive maintenance and the availability of skilled personnel. Immersive Technologies is the only equipment simulator supplier with a consistent and proven track record of delivering significant and measurable in-field improvements.

This experience, together with ongoing feedback from our mining customer base and Original Equipment Manufacturer alliance partners, has provided Immersive Technologies with the knowledge necessary to develop the industry standard in Advanced Equipment Simulators. Our solutions incorporate the industry's most advanced training functionality ensuring your operators are safer and your site is more profitable.

