

oer examples army

oer examples army have become increasingly significant in the modern military landscape, serving as innovative tools that enhance training, education, and operational readiness. Open Educational Resources (OER) are freely accessible, openly licensed materials that can be used for teaching, learning, and research. In the context of the army, OER examples provide a cost-effective way to disseminate knowledge, foster continuous learning among soldiers, and support strategic objectives. This article explores various examples of OER utilized by the army, highlighting their applications, benefits, and how they contribute to building a more informed and capable military force.

Understanding OER and Its Importance in the Army

What Are Open Educational Resources (OER)?

Open Educational Resources are educational materials that are licensed in a way that allows anyone to use, adapt, and share them freely. These resources can include textbooks, courses, videos, simulations, and assessments. The core idea behind OER is to democratize access to education by removing traditional barriers such as cost and restricted access.

The Role of OER in Military Training and Education

For armies worldwide, effective training is critical to operational success. OER offers a flexible and scalable way to deliver high-quality training content, adapt materials quickly to changing tactics or technology, and ensure that personnel at all levels have access to up-to-date information. By leveraging OER, military organizations can:

- Reduce training costs
- Accelerate knowledge dissemination
- Promote continuous learning
- Foster collaboration across units and international partners

Examples of OER Used by the Army

1. Digital Textbooks and Manuals

Many armies have adopted open digital textbooks and manuals to train soldiers on various topics, including tactics, logistics, and leadership.

- **Army Learning Management System (ALMS):** Provides access to open resources related to military doctrine and procedures.
- **Open-source manuals:** Such as the US Army's open-access field manuals on combat tactics,

which are available online for free and regularly updated.

2. e-Learning Courses and Modules

Interactive online courses are widely used to supplement traditional training.

- **Virtual Battle Simulations:** Openly available simulation modules help soldiers practice decision-making in complex scenarios.
- **Leadership Development Modules:** Many armies publish open courses focusing on leadership skills, ethics, and communication.

3. Video and Multimedia Resources

Videos are powerful tools for demonstrating procedures and tactics.

- **Instructional Videos:** Openly licensed videos on weapon handling, first aid, and maintenance procedures.
- **Documentaries and Historical Content:** Free access to documentaries about military history and operations, useful for educational purposes.

4. Open Simulations and Virtual Labs

Simulation tools provide realistic training environments.

- **Open-source Virtual Reality (VR) Environments:** Used for combat training, navigation exercises, and equipment handling.
- **Wargaming Platforms:** Openly available platforms allow soldiers and officers to practice strategic planning and decision-making.

5. Collaborative Knowledge Bases and Wikis

Openly editable platforms enable soldiers and trainers to share knowledge.

- **Military Wikis:** Compilations of best practices, FAQs, and doctrinal updates accessible to all

personnel.

- **Community Forums:** Platforms where soldiers can discuss tactics, troubleshooting, and lessons learned.

Benefits of Using OER in the Army

Cost Savings

Traditional training materials, especially printed manuals and textbooks, can be expensive. OER reduces costs significantly by eliminating licensing fees and enabling bulk digital distribution.

Flexibility and Adaptability

OER can be quickly updated to reflect new tactics, technology, or threat environments, ensuring soldiers always have access to relevant information.

Promoting Lifelong Learning

Open resources encourage continuous professional development, allowing soldiers to learn at their own pace and expand their skill sets beyond formal training sessions.

Fostering Collaboration and Knowledge Sharing

Open platforms facilitate sharing best practices across units and even international allies, promoting interoperability and joint operations.

Enhancing Accessibility

Soldiers in remote or resource-limited settings can access high-quality training materials without the need for physical infrastructure.

Challenges and Considerations in Implementing OER

Quality Assurance

Ensuring that open resources meet military standards for accuracy, relevance, and security is vital.

Licensing and Security

Proper licensing must be maintained to prevent misuse, and sensitive information must be protected even within open resources.

Technological Infrastructure

Reliable internet access and compatible devices are necessary to maximize the benefits of OER.

Acceptance and Cultural Shift

Encouraging personnel to adopt open resources requires cultural change and training to trust and utilize these materials effectively.

Future Trends: OER and the Army

Integration with Artificial Intelligence and AR/VR

Emerging technologies will enhance OER by providing personalized learning experiences and immersive training.

International Collaboration

Sharing OER among allied armies can improve interoperability and foster global security partnerships.

Open Innovation in Defense

Open sourcing military research and training materials encourages innovation and accelerates technological development.

Conclusion

The use of OER examples in the army exemplifies a transformative approach to military education and training. By harnessing open resources, armies can achieve cost-effective, flexible, and scalable learning solutions that enhance operational readiness and foster a culture of continuous improvement. As technology advances and the global security environment evolves, the strategic integration of OER will become increasingly vital for modern military forces worldwide, ensuring they remain adaptable and prepared for future challenges.

Frequently Asked Questions

What are some examples of Open Educational Resources (OER) used by the army for training?

Examples include digital manuals, simulation software, instructional videos, and open-access courses on military tactics and logistics.

How does the army utilize OER to enhance soldier education?

The army leverages OER to provide accessible, cost-effective training materials, allowing soldiers to learn at their own pace and stay updated with the latest procedures.

Can you give an example of an open-source simulation used by the army?

Yes, the Army uses simulation platforms like Virtual Battlespace (VBS) which, while proprietary, has open-source components and similar open alternatives for training purposes.

Are there any publicly available OER courses specifically for military leadership?

Yes, platforms like Coursera and edX offer free courses on leadership and strategic thinking that are used by military personnel for professional development.

What role do open-source maps and geospatial data play as OER in the army?

Open-source maps and geospatial data are vital for planning and operations, with examples including OpenStreetMap and other freely available GIS datasets used for mission planning.

How are OER examples impacting military research and innovation?

OER facilitate collaboration and knowledge sharing among military researchers, leading to faster innovation and the development of new tactics and technologies.

Are there any specific OER portals dedicated to army or defense-related resources?

Yes, portals like Defense Digital Service and the U.S. Army Training Circulars provide open access to various educational and training materials for military personnel.

Additional Resources

OER Examples Army: A Comprehensive Exploration of Open Educational Resources in Military Education

The concept of Open Educational Resources (OER) has revolutionized the way educational content is created, shared, and utilized across various sectors, including the military. The OER examples army refers to the extensive collection of open-access learning materials, platforms, and initiatives tailored to support military education, training, and professional development. This detailed review explores the landscape of OER within military contexts, highlighting key examples, their impact, and the potential future directions for open resources in armed forces worldwide.

Introduction to OER in Military Contexts

Open Educational Resources are freely accessible, openly licensed materials that facilitate learning and knowledge sharing. In military settings, OER has gained prominence due to its benefits in cost savings, adaptability, rapid dissemination, and fostering a culture of continuous learning among service members.

Why OER Matters for the Army:

- Cost Efficiency: Reduces expenses associated with proprietary training materials.
- Flexibility & Customization: Allows tailored content to specific training needs.
- Rapid Updating: Ensures information remains current, especially vital in security and technology.
- Global Collaboration: Promotes sharing best practices among international military allies.
- Enhanced Accessibility: Supports remote or deployed personnel with readily available training resources.

Key Examples of OER in the Army and Military Training

The landscape of military OER encompasses a broad array of platforms, repositories, and initiatives. Here are some notable examples:

1. The Defense Digital Service (DDS) and Open Source Initiatives

The DDS has been instrumental in advocating for open-source approaches in defense technology and education. Their efforts include:

- Open Source Software (OSS) Training Materials: Providing tutorials and documentation on OSS tools beneficial for military operations.

- Open Data Portals: Sharing datasets that can be used for research, simulations, and training scenarios.
- Collaborative Platforms: Facilitating joint development of training modules with industry and academia.

Impact: Promotes transparency, innovation, and interoperability within military systems.

2. The U.S. Army's Open Source Curriculum and Resources

The U.S. Army has embraced OER through various initiatives:

- Army Knowledge Online (AKO) and Army Learning Management System (ALMS): Hosting open-access courses and training modules on leadership, cybersecurity, logistics, and more.
- Army Open Source Software Repository: A platform where soldiers and developers can access, contribute to, and customize software tools.
- Open-Access Publications: Manuals, research papers, and case studies shared openly for professional development.

Features: Emphasis on collaborative learning and continuous professional education.

3. Coursera and edX Military-Related Courses

Major online learning platforms have partnered with military organizations to offer open courses:

- Cybersecurity for Military Personnel: Courses designed to enhance understanding of cyber threats and defense strategies.
- Leadership and Management in Defense: Modules focusing on leadership skills tailored for military contexts.
- OpenCourseWare (OCW) Initiatives: Universities and military academies sharing lecture notes, videos, and assessments freely.

Significance: Enables soldiers to access world-class education remotely, fostering lifelong learning.

4. The NATO Open Source Resources

NATO has developed a repository of open educational resources for member nations:

- Operational Tactics and Procedures: Accessible training materials to harmonize practices across alliances.
- Cyber Defense Training Modules: Open content to bolster cybersecurity resilience.
- Language and Cultural Competency Resources: Enhancing interoperability through shared cultural knowledge.

Benefit: Strengthens alliance cohesion and shared strategic understanding.

5. The Open Military Software and Simulation Platforms

Simulation and training are vital in military preparation. Open-source platforms include:

- OpenSim Military Simulations: Platforms for scenario-based training without proprietary constraints.
- Project Atlantis: An open-source project developing military-grade simulation environments.
- VBS (Virtual Battlespace) Community: An open community sharing mods, scenarios, and training content.

Advantages: Cost-effective, customizable, and adaptable training environments.

Impact of OER on Army Training and Professional Development

The adoption of OER in military contexts has led to profound changes:

Enhanced Accessibility and Flexibility

- Soldiers can access training materials anytime, anywhere, crucial for deployed or remote units.
- Self-paced learning encourages continuous professional development.

Cost Savings

- Reduces reliance on expensive proprietary courses and manuals.
- Enables large-scale dissemination of training content without significant incremental costs.

Fostering Innovation and Collaboration

- Open platforms encourage contributions from soldiers, trainers, and external experts.
- Facilitates the sharing of best practices across units and alliances.

Accelerated Training Cycles

- Rapid updates ensure training reflects current threats, technologies, and doctrine.
- Simulation-based OER accelerates experiential learning.

Promoting a Culture of Lifelong Learning

- Open resources motivate soldiers to pursue further education and specialization.

Challenges and Considerations in Implementing OER in the Army

Despite the numerous benefits, integrating OER into military training faces several challenges:

- Security and Confidentiality: Ensuring sensitive information is protected while sharing open resources.
- Quality Assurance: Maintaining high standards for open content, vetting, and accreditation.
- Technological Infrastructure: Ensuring soldiers have reliable access to digital platforms, especially in austere environments.
- Cultural Resistance: Overcoming traditional attitudes favoring proprietary materials and formal training methods.
- Legal and Licensing Issues: Navigating licensing to ensure open resources are used appropriately.

Future Directions and Opportunities for the OER Army

The future of OER in the military is promising, with emerging trends including:

- Integration of Artificial Intelligence (AI): Personalized learning pathways and adaptive content.
- Gamification and Interactive Content: Enhancing engagement through immersive learning experiences.
- International Collaboration: Expanding shared repositories across allied nations.
- Open Data for Innovation: Leveraging open datasets for research, analysis, and strategic planning.
- Mobile Learning Ecosystems: Developing apps and mobile-friendly resources for on-the-go training.

Potential Initiatives:

- Creating centralized global military OER portals.
- Developing modular, micro-credentialed courses for skill certification.
- Establishing open innovation labs to co-develop training content with external partners.

Conclusion

The OER examples army exemplify how open educational resources are transforming military education, making it more accessible, adaptable, and cost-effective. From software repositories and simulation platforms to online courses and collaborative initiatives, the integration of OER fosters a culture of continuous learning and innovation within armed forces. While challenges remain—particularly concerning security, quality, and infrastructure—the opportunities for growth and enhanced interoperability are vast.

As technology advances and the importance of rapid, flexible training grows, the role of open educational resources will only become more central in shaping the future of military preparedness. Embracing OER not only benefits individual soldiers but also strengthens the collective capabilities of armies worldwide, promoting strategic agility, resilience, and shared knowledge in an ever-evolving global security landscape.

[Oer Examples Army](#)

oer examples army: Words for United States Army Officer Evaluation Reports (OER's)

Donald R. Wilson, 1997-12-01

oer examples army: Army Officer's Guide Keith E. Bonn, 2005-04-07 To celebrate the 75th in-print anniversary of the Army Officer's Guide, Stackpole Books is offering a deluxe bound, hard cover limited printing of its famous Army Officer's Guide, now in its 50th Edition. Included are a history of this venerable book and excerpts from the 1930 first edition of the Guide and the influence it has had on the United States Army officer corps in World War II, the Korean War, the Vietnam War, and today's conflicts.

oer examples army: United States Army Aviation Digest , 1980

oer examples army: Quartermaster Professional Bulletin , 2003

oer examples army: Army Reserve Magazine , 1973

oer examples army: The Army Lawyer , 2000

oer examples army: Army Officer's Guide , 2023-10-17 The Army Officer's Guide is the crown jewel of Stackpole's military reference line. First published in 1930, this guide has been continuously revised since then and has become the gold-standard reference for the U.S. Army's officer corps, especially the new second lieutenants commissioned into the army out of West Point and ROTC programs. This edition has been thoroughly revised and updated with the latest information on leadership, training, military justice, promotions, benefits, counseling soldiers, physical fitness, regulations, and much more—everything the officer needs to know in order to do his job well, to advance his career, to navigate the military, and to guide his soldiers on and off the battlefield. Topics include How to train, lead, and counsel troops effectively Tips on how to move along your career as an NCO by continuing education, training, and professional development Information about all the regulations NCOs need to be aware of in carrying out their jobs And much, much more . . . Stackpole has been guiding military officers and soldiers for more than 80 years. Our guides still offer the best advice in the business—better than any other book, better than the internet.

oer examples army: Army , 1975

oer examples army: Army Personnel Bulletin , 1985

oer examples army: The Engineer , 2014

oer examples army: AR 623-3 03/31/2014 EVALUATION REPORTING SYSTEM , Survival Ebooks Us Department Of Defense, www.survivalebooks.com, Department of Defense, Delene Kvasnicka, United States Government US Army, United States Army, Department of the Army, U. S. Army, Army, DOD, The United States Army, AR 623-3 03/31/2014 EVALUATION REPORTING SYSTEM , Survival Ebooks

oer examples army: Professional Journal of the United States Army , 1993

oer examples army: United States Army Combat Forces Journal , 1988

oer examples army: The Army Communicator , 1990

oer examples army: The Black Officer Corps Isaac Hampton, 2013 The U.S. Armed Forces started integrating its services in 1948, and with that push, more African Americans started rising through the ranks to become officers, although the number of black officers has always been much lower than African Americans' total percentage in the military. Astonishingly, the experiences of these unknown reformers have largely gone unexamined and unreported, until now. The Black Officer Corps traces segments of the African American officers' experience from 1946-1973. From generals who served in the Pentagon and Vietnam, to enlisted servicemen and officers' wives, Isaac Hampton has conducted over seventy-five oral history interviews with African American officers. Through their voices, this book illuminates what they dealt with on a day to day basis, including cultural differences, racist attitudes, unfair promotion standards, the civil rights movement, Black Power, and the experience of being in ROTC at Historically Black Colleges. Hampton provides a nuanced study of the people whose service reshaped race relations in the U.S. Armed Forces, ending

with how the military attempted to control racism with the creation of the Defense Race Relations Institute of 1971. The Black Officer Corps gives us a much fuller picture of the experience of black officers, and a place to start asking further questions.

oer examples army: [Army Lawyer](#) , 1990

oer examples army: [Army Organizational Effectiveness Journal](#) , 1984

oer examples army: [Military Law Review](#) , 2003

oer examples army: [Army Logistician](#) , 1990

oer examples army: [The Army Reserve Magazine](#) , 1972

Related to oer examples army

OER Restoration Parts | The best restoration parts on the market. OER Restoration Products: Officially licensed restoration parts of the highest quality for classic GM and Mopar vehicles. A MUST for the serious restorer!

OER - Dealer Locator Find an OER® dealer near you! Choose the country, enter your zip code, set the maximum distance you'd like to search, click "Submit" and you'll get a list of dealers in your area

All Makes All Models Parts | OER OER ® reproduction of the original padded dash designed for use on 1968 Camaro and Firebird models. Each dash pad is manufactured in modern urethane materials to OEM specifications

1968 Chevrolet Camaro Parts - OER OER ® reproduction of the original padded dash designed for use on 1968 Camaro and Firebird models. Each dash pad is manufactured in modern urethane materials to OEM specifications

OER | All Makes All Models Parts | OER OER ® reproduction of the original padded dash designed for use on 1968 Camaro and Firebird models. Each dash pad is manufactured in modern urethane materials to OEM specifications

OER - Contact Information Order Desk and Showroom Hours OER - Contact Information Order Desk and Showroom Hours Original Equipment Reproduction Original Equipment Reproduction® corporate headquarters and worldwide distribution center is

1964 Chevrolet Impala Parts - OER OER® Black and Aqua trunk spatter paint for the discriminating restorer who wants to get an exact color match or to completely restore your trunk to its former glory

1969 Chevrolet Chevelle Parts - OER OER® Black and Aqua trunk spatter paint for the discriminating restorer who wants to get an exact color match or to completely restore your trunk to its former glory

All Makes All Models Parts | Paint and Chemicals - OER Whether you're a serious restorer, or just someone who wants a replacement part for your classic vehicle, OER is the source for the finest quality parts on the market

All Makes All Models Parts | Body Panels | OER OER Parts offers a wide selection of Body Panels for your All Makes All Models. OER Parts offers All Makes All Models Body Panels

OER Restoration Parts | The best restoration parts on the market. OER Restoration Products: Officially licensed restoration parts of the highest quality for classic GM and Mopar vehicles. A MUST for the serious restorer!

OER - Dealer Locator Find an OER® dealer near you! Choose the country, enter your zip code, set the maximum distance you'd like to search, click "Submit" and you'll get a list of dealers in your area

All Makes All Models Parts | OER OER ® reproduction of the original padded dash designed for use on 1968 Camaro and Firebird models. Each dash pad is manufactured in modern urethane materials to OEM specifications

1968 Chevrolet Camaro Parts - OER OER ® reproduction of the original padded dash designed for use on 1968 Camaro and Firebird models. Each dash pad is manufactured in modern urethane materials to OEM specifications

OER | All Makes All Models Parts | OER OER ® reproduction of the original padded dash

designed for use on 1968 Camaro and Firebird models. Each dash pad is manufactured in modern urethane materials to OEM specifications

OER - Contact Information Order Desk and Showroom Hours OER - Contact Information Order Desk and Showroom Hours Original Equipment Reproduction Original Equipment Reproduction® corporate headquarters and worldwide distribution center

1964 Chevrolet Impala Parts - OER OER® Black and Aqua trunk spatter paint for the discriminating restorer who wants to get an exact color match or to completely restore your trunk to its former glory

1969 Chevrolet Chevelle Parts - OER OER® Black and Aqua trunk spatter paint for the discriminating restorer who wants to get an exact color match or to completely restore your trunk to its former glory

All Makes All Models Parts | Paint and Chemicals - OER Whether you're a serious restorer, or just someone who wants a replacement part for your classic vehicle, OER is the source for the finest quality parts on the market

All Makes All Models Parts | Body Panels | OER OER Parts offers a wide selection of Body Panels for your All Makes All Models. OER Parts offers All Makes All Models Body Panels

OER Restoration Parts | The best restoration parts on the market. OER Restoration Products: Officially licensed restoration parts of the highest quality for classic GM and Mopar vehicles. A MUST for the serious restorer!

OER - Dealer Locator Find an OER® dealer near you! Choose the country, enter your zip code, set the maximum distance you'd like to search, click "Submit" and you'll get a list of dealers in your area

All Makes All Models Parts | OER OER ® reproduction of the original padded dash designed for use on 1968 Camaro and Firebird models. Each dash pad is manufactured in modern urethane materials to OEM specifications

1968 Chevrolet Camaro Parts - OER OER ® reproduction of the original padded dash designed for use on 1968 Camaro and Firebird models. Each dash pad is manufactured in modern urethane materials to OEM specifications

OER | All Makes All Models Parts | OER OER ® reproduction of the original padded dash designed for use on 1968 Camaro and Firebird models. Each dash pad is manufactured in modern urethane materials to OEM specifications

OER - Contact Information Order Desk and Showroom Hours OER - Contact Information Order Desk and Showroom Hours Original Equipment Reproduction Original Equipment Reproduction® corporate headquarters and worldwide distribution center

1964 Chevrolet Impala Parts - OER OER® Black and Aqua trunk spatter paint for the discriminating restorer who wants to get an exact color match or to completely restore your trunk to its former glory

1969 Chevrolet Chevelle Parts - OER OER® Black and Aqua trunk spatter paint for the discriminating restorer who wants to get an exact color match or to completely restore your trunk to its former glory

All Makes All Models Parts | Paint and Chemicals - OER Whether you're a serious restorer, or just someone who wants a replacement part for your classic vehicle, OER is the source for the finest quality parts on the market

All Makes All Models Parts | Body Panels | OER OER Parts offers a wide selection of Body Panels for your All Makes All Models. OER Parts offers All Makes All Models Body Panels

OER Restoration Parts | The best restoration parts on the market. OER Restoration Products: Officially licensed restoration parts of the highest quality for classic GM and Mopar vehicles. A MUST for the serious restorer!

OER - Dealer Locator Find an OER® dealer near you! Choose the country, enter your zip code, set the maximum distance you'd like to search, click "Submit" and you'll get a list of dealers in your area

All Makes All Models Parts | OER OER ® reproduction of the original padded dash designed for use on 1968 Camaro and Firebird models. Each dash pad is manufactured in modern urethane

materials to OEM specifications

1968 Chevrolet Camaro Parts - OER OER ® reproduction of the original padded dash designed for use on 1968 Camaro and Firebird models. Each dash pad is manufactured in modern urethane materials to OEM specifications

OER | All Makes All Models Parts | OER OER ® reproduction of the original padded dash designed for use on 1968 Camaro and Firebird models. Each dash pad is manufactured in modern urethane materials to OEM specifications

OER - Contact Information Order Desk and Showroom Hours OER - Contact Information Order Desk and Showroom Hours Original Equipment Reproduction Original Equipment Reproduction® corporate headquarters and worldwide distribution center is

1964 Chevrolet Impala Parts - OER OER® Black and Aqua trunk spatter paint for the discriminating restorer who wants to get an exact color match or to completely restore your trunk to its former glory

1969 Chevrolet Chevelle Parts - OER OER® Black and Aqua trunk spatter paint for the discriminating restorer who wants to get an exact color match or to completely restore your trunk to its former glory

All Makes All Models Parts | Paint and Chemicals - OER Whether you're a serious restorer, or just someone who wants a replacement part for your classic vehicle, OER is the source for the finest quality parts on the market

All Makes All Models Parts | Body Panels | OER OER Parts offers a wide selection of Body Panels for your All Makes All Models. OER Parts offers All Makes All Models Body Panels

OER Restoration Parts | The best restoration parts on the market. OER Restoration Products: Officially licensed restoration parts of the highest quality for classic GM and Mopar vehicles. A MUST for the serious restorer!

OER - Dealer Locator Find an OER® dealer near you! Choose the country, enter your zip code, set the maximum distance you'd like to search, click "Submit" and you'll get a list of dealers in your area

All Makes All Models Parts | OER OER ® reproduction of the original padded dash designed for use on 1968 Camaro and Firebird models. Each dash pad is manufactured in modern urethane materials to OEM specifications

1968 Chevrolet Camaro Parts - OER OER ® reproduction of the original padded dash designed for use on 1968 Camaro and Firebird models. Each dash pad is manufactured in modern urethane materials to OEM specifications

OER | All Makes All Models Parts | OER OER ® reproduction of the original padded dash designed for use on 1968 Camaro and Firebird models. Each dash pad is manufactured in modern urethane materials to OEM specifications

OER - Contact Information Order Desk and Showroom Hours OER - Contact Information Order Desk and Showroom Hours Original Equipment Reproduction Original Equipment Reproduction® corporate headquarters and worldwide distribution center is

1964 Chevrolet Impala Parts - OER OER® Black and Aqua trunk spatter paint for the discriminating restorer who wants to get an exact color match or to completely restore your trunk to its former glory

1969 Chevrolet Chevelle Parts - OER OER® Black and Aqua trunk spatter paint for the discriminating restorer who wants to get an exact color match or to completely restore your trunk to its former glory

All Makes All Models Parts | Paint and Chemicals - OER Whether you're a serious restorer, or just someone who wants a replacement part for your classic vehicle, OER is the source for the finest quality parts on the market

All Makes All Models Parts | Body Panels | OER OER Parts offers a wide selection of Body Panels for your All Makes All Models. OER Parts offers All Makes All Models Body Panels

Related Articles

- [lipids concept map](#)
- [sacred mushroom and the cross pdf](#)
- [one second after pdf](#)

[Back to Home](#)