

# Honda \* in America 2023



Over 60 Years of Investing in America

**Our Reason to Exist** 

# "The purpose of technology is to help people." - Soichiro Honda

Those words from our founder have **shaped** the history of the products we create for our customers and our contributions to society. This has been our commitment **in America** for more than 60 years, and for 45 years we've been developing and building those products in America.

This has not only created new value for our customers, it has changed lives in communities across the U.S.

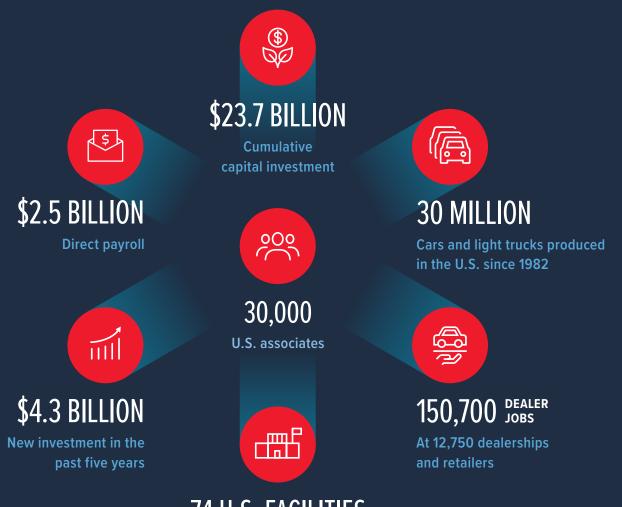
It's worth considering, what if Honda *didn't* exist?





... we hadn't led a wave of new manufacturers who followed Honda in building products here, creating tens of thousands of jobs across America?

Through the efforts of our **30,000 associates** who develop, build, and sell a diverse array of products in the U.S., we will continue to fulfill our purpose as a company, **helping people** and making their lives better.



## 74 U.S. FACILITIES

Including 12 manufacturing plants, 21 facilities where we conduct R&D operations, and 12 parts centers, as well as marketing, sales, service and financing operations

# INVESTING IN AMERICA

#### **Celebrating 40 Years of Building Cars**

We are proud to celebrate the 40th anniversary of Honda's pioneering move to manufacture automobiles in America. The very first U.S.-made Honda Accord rolled off the production line in Marysville, Ohio, on November 1, 1982.

Four decades later, now with 12 production facilities in America, Honda continues to invest in our people, in our operations, in the products we make for our customers and in the many communities around the country where our associates live and work.









... we hadn't pioneered technology that has led to advances in both environmental and safety performance, for our customers and society?



# **Building Products** in America

Based on Honda's longstanding commitment to build products **close** to our customers, more than two-thirds of the Honda and Acura vehicles sold in America in 2022 were **built here** – making Honda second among all full-line automakers for the share of vehicles that were built and sold in America.



What if

Honda had not made the pioneering commitment to build products in America in 1979?

Honda was the first Japanese automaker to build cars in the U.S. in 1982. Since then, 13 other international automakers have followed Honda, establishing their own auto plants in America, supporting 2.3 million jobs and \$101 billion in investment.



Technology can be innovative, but only people can innovate. The rapid advancement of vehicle at a crossroads. Honda is investing in programs and educational initiatives to engage and prepare

We partner with local schools and two-year and four-year colleges to stimulate interest in STEM, including equipment purchases.

Honda sponsors Creators Wanted, an initiative by the National Association of Manufacturers to build tomorrow's manufacturing workforce. A traveling exhibit gives students a look at modern manufacturing.

Honda created two technical development centers in Ohio to provide our current associates training opportunities with new manufacturing technologies.

### We have 12 manufacturing plants in America

that produce 5 million products annually.



832,000 Cars and Light Trucks

768.000 Transmissions



704.000 **Power Equipment** Products



17 Aircraft



982.000 Automobile Engines

32

**Aircraft Engines** 



**Powersports** Products



1.684.000 **General Purpose** Engines

**Promoting a Diverse and Inclusive Workforce** 





**U.S. PRODUCTION 2022 TOTALS** 

- technologies and the modern production technologies used to build them are placing the auto industry
- the kinds of skilled associates who will represent the manufacturing workforce of the future.

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Honda Professional Automotive Career Training (PACT) provides state-of-the-art training to help students become certified technicians in high-demand at Honda and Acura automobile dealerships across America.

> We've established a work-study program for students at two-year colleges to gain experience working at Honda while attending school.

Honda has developed Mobile Manufacturing Laboratories with robotics and other technologies that provide students with hands-on learning about manufacturing.

Honda was founded on a strong respect for people, and we are committed to living our values through actions that strengthen equality in our own workplace and in communities across America. We are investing in a number of programs and initiatives to strengthen diversity across our U.S. operations and engage and prepare students from diverse backgrounds for careers in the automotive industry. Honda's first-ever Inclusion and Diversity Report showcases these efforts and provides transparency into the many ways we're working to honor our commitment to fairness, justice and equality in the workplace and society. www.honda.com/community/diversity-reports

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# **Designing and Creating** Products in America

Honda engineers in the U.S. play a **lead role** in the research, design and development of the **innovative** products we build in America for our customers here and around the world.





\$1.3 Billion Investment in U.S. **R&D** Operations

HondaJet Advanced Light Jet



**Powersports** Products

50 **Power Equipment** Products



#### Honda had not begun developing new products and technologies in America in 1975?

Since starting R&D activity in America, Honda has developed 33 vehicles in the U.S., including the advancement of safety innovations that benefit not only our customers but everyone sharing the road.



million wind tunnel facility, Honda Automotive Laboratories of Ohio, is the world's most advanced wind tunnel. offering three state-of-the-art testing functions in one location: aerodynamics, aeroacoustics, and racing. The facility plays a key role in Honda's electrified future.

"I always challenge my team to create our own new value and to actively share that new value with our industry partners. We join committees and share information at conferences to help power new thinking by our open-minded partners. This draws everyone closer and fuels collaboration and even more new thinking, which in turn leads to innovation."

#### Sue Bai

Chief Engineer, Chief of Data Business Digital Service Development Division

Bai is a two-time winner of the SAE International Intelligent Transportation Systems Award for her achievements in improving safety in mobility environments through connected-vehicle technology.

# OUR U.S. R&D TEAMS aren't just responsible for what the vehicle looks like.



Honda associates in the U.S. were issued 209 patents in 2022, including in the mechanical, electrical and chemical fields.



Honda is piloting a road condition monitoring system that uses connected vehicle technology to help maintain good road conditions and enhance safety for everyone sharing the road.

HONDA





The 33 Smart Mobility Corridor is a 35-mile stretch of highway in Ohio where Honda led the testing of connected-vehicle systems to improve traffic flow toward realizing a collision-free society.



With major R&D facilities in California, Ohio, and North Carolina, Honda also creates side-by-side and all-terrain vehicles and power equipment products in America.



# Locally Sourced for **Global Sales**

Since Honda began building products in America in 1979, we've steadily **grown** our purchases of parts and materials from U.S. suppliers.

Today, Honda works with **600 American suppliers** that supply parts that allow Honda to produce a diverse range of products for our customers in America and around the world.

\$22.9 Billion Parts & Materials

\$4.7 Billion **Goods & Services** 

\$1.4 Billion Service Parts

\$30 Billion Purchased from U.S. suppliers in 2022



In 2022, Honda purchased \$22.9 billion in parts and materials from 600 U.S. suppliers that provide parts to the company's manufacturing operations in the region, which produce cars and light trucks and the engines and transmissions that power them.

# Honda also works with

5,919 North American indirect procurement suppliers that provide a wide variety of equipment, products and services.

### 

Honda purchased more than \$1.4 billion in parts from 1,009 service parts suppliers in the U.S. in 2022. Service parts are supplied to Honda and Acura dealers that serve the needs of our customers.

#### 

In 2022, Honda purchased more than \$2.1 billion in goods and services from diverse-owned businesses.

600/33 600 U.S. suppliers across 33 states

#### **Investing in Diverse Businesses**

As part of our efforts to increase diversity and inclusion in our business operations, Honda has hosted an annual conference aimed at connecting our Tier 1 suppliers with minority-owned suppliers, setting specific spending targets for minorityowned businesses. This has resulted in Honda increasing our purchasing spend with diverse companies by nearly \$1 billion since the program launched in 2015.



#### **Quality for the World**

Honda began planning to export the products we make in America even before the first U.S. Honda plant began operation in 1979. Under the rallying cry "Quality for the world, made in the USA," Honda began motorcycle exports the following year. Honda has now exported over 1.4 million cars and light trucks from the U.S. to overseas markets.



#### AX. LOAD : STONVEHICLE ×1 AXLE LOAD : 2.5 TON

American-made Honda and Acura cars and light trucks exported outside of North America since 1987



The first U.S.-built Honda automobile exported to Japan -a Honda Accord Coupe — is loaded onto a ship in Portland, Oregon in 1987.





Honda exported U.S.-built products to 77 countries and territories in 2022.

#### 14 Models

American-made car and light-truck models exported from the U.S. in 2022

#### \$1.4 Billion

Value of 2022 U.S. exports: vehicles, power equipment, powersports products, service parts, and aircraft



# Honda Investment Across the U.S.

#### MAJOR California OPERATIONS

- \$1.9 billion in capital investment
- 2,200 associates
- 6 R&D facilities
- American Honda Motor Co., Inc. headquarters
- 3 parts centers
- Finance center

#### Indiana

- \$1.3 billion in
- capital investment
- 2,700 associates
- Manufacturing plant
- R&D facility

#### Ohio

• \$14.5 billion in

### Alabama

- \$3.1 billion in capital investment

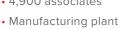
- 5 manufacturing plants • 4 R&D facilities

capital investment

• 15,600 associates

• 2 parts centers

• 4,900 associates



LEGEND Manufacturing Facilities 12 U.S. manufacturing plants are located in six states. Sales, Service, & Parts Zone Offices  $\bigcirc$ 

Zone offices support Honda and Acura dealers from six locations.

#### **Suppliers**



Honda has more than 600 U.S. suppliers of parts and materials across 33 states.

# 

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#### **R&D** Facilities

Honda has 21 U.S. facilities where we conduct R&D operations, including all aspects of new product development.

#### **Finance Centers**

American Honda Finance Corporation employs 1,200 associates at its three offices nationwide.

#### Auto, Powersports & **Power Equipment Dealers**

Dealers selling Honda products are located in all 50 states and employ 150,700 people in the U.S.

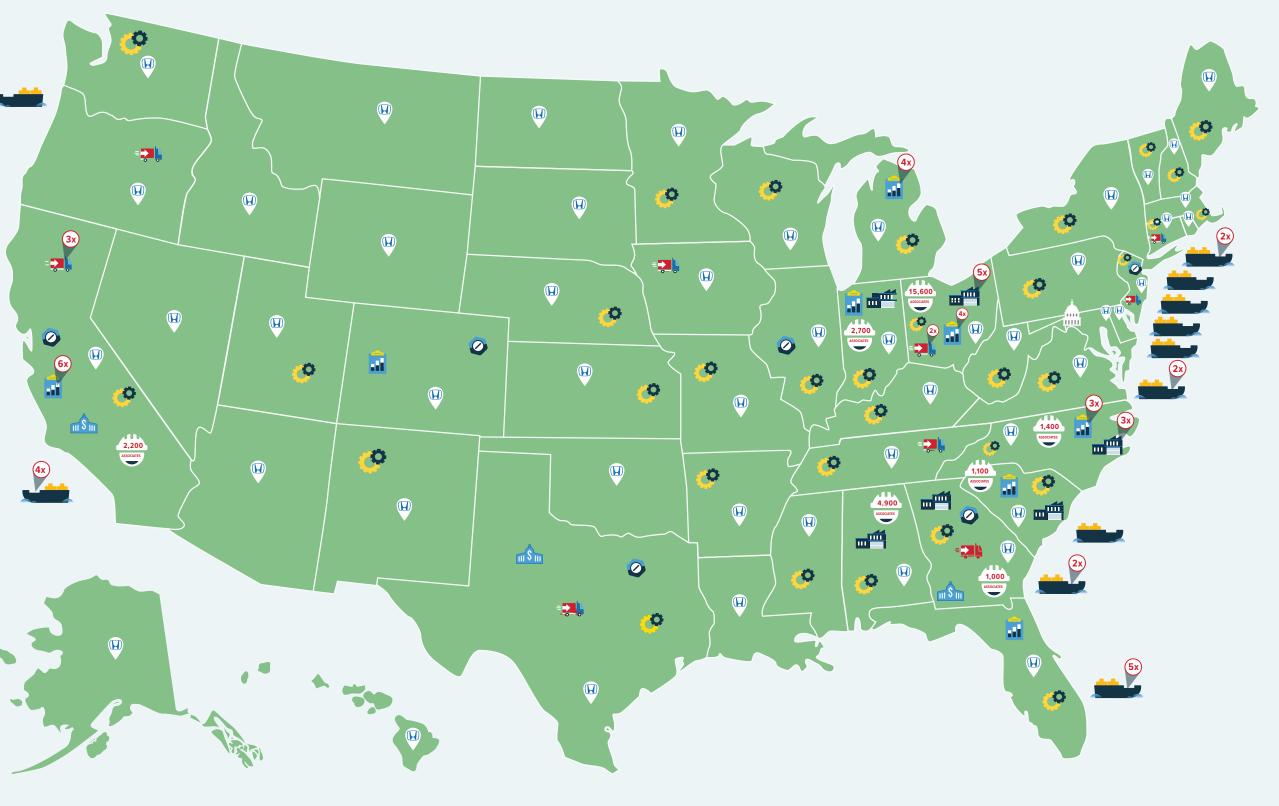


#### **Parts Centers**

Honda has 12 parts centers across the nation.

#### **Ports of Export**

Honda exports vehicles, products, and service parts from 21 U.S. ports.



HONDA



#### Georgia

- \$602 million in capital investment
- 1,100 associates
- Manufacturing plant
- Parts center
- Finance center

#### North Carolina

- \$1.1 billion in capital investment
- 1,400 associates
- 3 manufacturing plants
- 3 R&D facilities

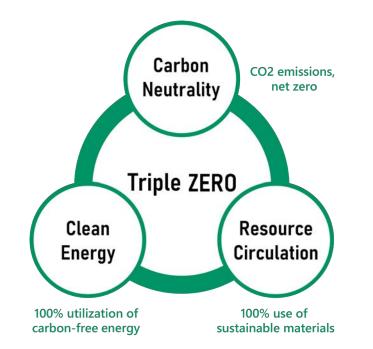
#### **South Carolina**

- \$735 million in capital investment
- 1,000 associates
- Manufacturing plant
- R&D facility



# The Road to **Zero Emissions**

Honda has established a challenging goal to realize zero environmental impact by 2050. Our "Triple Action to Zero" initiative aims to achieve **carbon neutrality** for all products and corporate activities by utilizing **clean energy** and **resource circulation** – reprocessing vehicles back to raw materials to create new products.





As part of our goal to achieve carbon neutrality for all products and corporate activities by 2050, Honda plans to have battery-electric and fuel cell-electric vehicles represent 100% of vehicle sales by 2040. The styling of our new full-electric vehicles, the 2024 Honda Prologue (above) and 2024 Acura ZDX, was led by our design team in Los Angeles, California.

# Driving Sustainability

### Honda "Green Factory" Initiative

Honda is working comprehensively to address the environmental impacts of manufacturing by reducing water use, energy use, waste and emissions. Honda is the only automaker to earn the U.S. Environmental Protection Agency ENERGY STAR Certification for Outstanding Energy Efficiency at every mass production auto plant it operates in the U.S.

### **GREEN DEALER PROGRAMS**

For over 10 years, the Honda and Acura Environmental Leadership Programs have helped hundreds of auto, powersports and power equipment dealers measurably reduce their environmental impact.



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### **Powered** by Renewable Energy

Honda is a leader in the global auto industry in adopting renewable energy to slash CO<sub>2</sub> emissions and power our operations. The long-term virtual power purchase agreements (VPPA) that went into effect in 2020 help offset the carbon-intensive, gridsupplied electricity being used in our Ohio, Indiana, and Alabama auto plants.

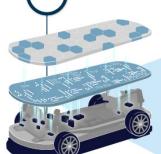
Over 60% of the electricity that Honda uses in North America will be covered by over 1 million megawatt-hours of renewable electricity from wind and solar power generated in Oklahoma and Texas.



### The Road to Zero Emissions Path to Electrification

### **Our Electrified Future**

Based on our global commitment to carbon neutrality by 2050, Honda will deploy its own innovative technologies and create strategic partnerships to achieve the annual EV sales goal of 2 million units globally by 2030.



Honda e:Architecture EVs

Developed by Honda globally Production includes Honda plants in North America, starting in Ohio



## Commitment to Local EV Production



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Honda is taking significant steps to localize and strengthen our EV supply chain and ability to produce quality, affordable EVs in America. Exactly 45 years after announcing our first production facility in the U.S. in Ohio, Honda announced two major investments to create our EV Hub in Ohio to prepare our U.S. manufacturing operations for an all-electric future.



October 11, 1977



October 11, 2022

- for EV production.
- with LG Energy Solution, including the creation of 2,200 Ohio jobs.

Our new EV Hub in Ohio will not only build Honda and Acura EVs, but develop the knowledge and expertise in EV production that will be shared with Honda

associates across our U.S. auto production operations. The lithium-ion batteries produced at the new JV plant will be supplied exclusively to Honda auto plants across North America.





## **A SMARTER WAY TO CHARGE**

SmartCharge<sup>™</sup> is an innovative effort by Honda to shift electric vehicle charging in realtime to when electricity demand is low and the availability of renewable energy is high, reducing demand on the grid during peak load times, and

helping Honda fulfill our goal of reducing  $CO_2$  emissions.



#### • A \$700 million investment to retool three existing Honda plants in Ohio

• A \$3.5 billion investment to build a joint venture EV battery plant in Ohio,



# Safety for Everyone

Our philosophy to advancing safety for everyone sharing the road is **not limited** to automobile drivers and motorcycle riders, but **extends to** passengers, pedestrians and occupants of all vehicles.



Honda had not established a world-class safety research facility in America in 2003?

Since Honda began research and testing of safety technologies in Ohio in 2003, our U.S. engineers have created a number of advanced safety systems in America, including body structures.



Honda's safety research facility in Ohio is one of the most sophisticated crash safety research and testing facilities in the world, featuring the world's first pitching test sled and world's highest resolution impact barrier.

"I grew up in a very remote area in the northwest corner of Nebraska. My graduating class had only 14 students.

When I was in high school, friends of mine were out driving on a gravel road outside of town. The vehicle they were in rolled over, and just like that, three of my friends were gone.

Unfortunately, in the United States there were more than 42,000 roadway fatalities in 2022. We take that very personally at Honda, and that's something we're committed to improving. 'Safety for Everyone' is not only about protecting our customers but also extends to those friends and family members who

must deal with the loss of a loved one. To me, there's nothing that could be more important."

#### Bryan Hourt

Chief Engineer, North American Safety Strategy and Planning



#### **Realizing a Collision-Free Future**

Honda is a leader in introducing advanced safety and driver-assistive technologies that are on the technological and perceptual bridge to the automated vehicles of the future. Since first being introduced in 2014, nearly 7 million vehicles on U.S. roads have been equipped with Honda Sensing<sup>®</sup> or AcuraWatch<sup>™</sup> advanced safety and driver-assistive technologies.





Honda's exclusive Advanced Compatibility Engineering<sup>™</sup> (ACE<sup>™</sup>) body structure enhances occupant protection through frontal crash-energy absorption and crash compatibility. Every Honda and Acura automobile sold in America features the ACE<sup>™</sup> body structure.

HONDA

Bryan

Honda Republic

Honda Sensing<sup>®</sup> is standard on all Honda automobiles beginning with the 2023 model year.

#### Award-Winning Next-Generation Airbags

Our world's first passenger front airbag designs, like the one conceived by Honda engineers in Ohio, are a major leap forward, designed to cradle and protect the head to reduce the chance of severe brain trauma associated with angled frontal collisions.







### PRODUCTION NOTE ONLY: THIS SIMULATES A 3.5 INCH TALL POCKET FLAP.

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#### Did you know?

Our Honda and Acura design studios in California led styling of the **Honda Prologue and Acura ZDX — two full-electric SUVs** coming to market in 2024.

**Every Acura** sold in America is built here.

Our U.S. R&D engineers have **created 33 cars and light trucks in America.** 

Less than **1% of the waste** from Honda's U.S. manufacturing plants goes to landfills.



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