



KARMA 2011 BROCHURE

INTRODUCING THE FISKER KARMA PLUG-IN HYBRID





100 MPG ACHIEVABLE. 403 HORSEPOWER.

DESIGNED TO GET YOU HOT, NOT THE PLANET





VISION

At Fisker Automotive,
we are creating
environmentally conscious
vehicles that deliver style,
passion and performance.



I. ABOUT FISKER

08
Vision

12
Pure Driving Passion

13
The Fisker
Manufacturing Story

15
Principles of Design

- Philosophy
- Inspiration

15
Sustainability

- Environmental
Commitment

17
Plug-in Hybrid

- PHEV Technology
- Performance

II. ABOUT KARMA

19
Performance

- Stealth Mode
- Sport Mode

20
Drivetrain

- Transmission
- Q-Drive
- Battery

22
Technology

- Command Center

23
Keyless Start

25
Design Interior

- Wood
- Leather
- Premium Eco-Suede

26
Design Exterior

- Diamond Dust Paint

28
Solar Roof

30
Audio

- Interior Sound
- Exterior Sound

31
Safety

- Aluminum Frame
- Brakes
- Air Bags
- Safety Ratings

32
Specifications

III. CONFIGURATIONS

34
Exterior

- Colors

35
Interior

- Colors
- Woods

36
Options

- EcoChic
- EcoSport
- EcoStandard

37
Letter of Authenticity

38
Warranty and Service

IV. LEGAL

39
Legal





**PURE DRIVING
PASSION**

The harmonious balance of nature was the inspiration that drove us to design one of the most sustainable and accountable vehicles in automotive history.

Developed to the exacting standards of visionary automotive designer Henrik Fisker, the revolutionary Fisker Karma surpasses the expectations of the most discerning automotive experts.

With strikingly original designs that capture the dynamic forces of nature, the Fisker Karma truly is the world's first premium plug-in hybrid electric vehicle.



THE FISKER MANUFACTURING STORY

Henrik Fisker and Bernhard Koehler share over 51 years of combined experience in the automotive world. They joined forces as Fisker Coachbuild in 2005, a venture which saw the team reviving the lost art of coachbuilding, designing custom automobiles to customer specifications.

The duo led teams that utilized powertrains and chassis from other luxury European manufacturers until 2007 when they founded Fisker Automotive, a true automobile manufacturer which introduced the world's first premium plug-in hybrid electric vehicle, the Fisker Karma.



PRINCIPLES OF DESIGN

PHILOSOPHY

Our design philosophy emphasizes that unrivaled purity translates to every element of the Karma.

INSPIRATION

We drew inspiration from nature's harmonious balance in every element of the car's design for a pure, clean styling that celebrates timeless beauty.

SUSTAINABILITY

ENVIRONMENTAL COMMITMENT

For sourcing environmentally conscious and sustainable materials, if we felt the existing technologies didn't meet our uncompromising standards, we developed new, superior approaches. Our unwavering commitment to purity throughout the Fisker Karma reflects our dedication to introducing accountability to luxurious automotive design.





PLUG-IN HYBRID

PHEV TECHNOLOGY

Plug-in Hybrid Electric technology is a unique system comprised of 2 electric motors, 1 Lithium-ion battery, and 1 internal combustion engine.

PERFORMANCE

Lithium-ion battery charge capacity permits up to 50 miles of electric driving. After 50 miles, the internal combustion engine engages to support the electric motors for a range of 250 miles. (note: the plug-in hybrid is never run by the engine. The engine provides the energy to run the electric motors.)



NW

73

mph

22°

SPORT

100
120
140

D

0000016

RANGE

18 mls

BATTERY

TOTAL

268 mls

106.5

ACCELERATE



BRAKE

ABS



PERFORMANCE

STEALTH MODE

All-Electric Stealth Mode exclusively powers the Karma with a Lithium-ion battery.

- Top Speed 95 mph (153 km/h)
- 0-60mph in 7.9 seconds
- Total Range of 50 Miles

SPORT MODE

Sport Mode combines the power of a Lithium-ion battery and an internal combustion engine.

- Top Speed 125 mph (200km/h)
- 0-60mph in 5.9 seconds
- Total Range of 250 Miles

DRIVETRAIN

TRANSMISSION

Single Speed Fixed Gear

Q-DRIVE

Karma's Q DRIVE™ configuration consists of an internal combustion engine working in series with a generator and a Lithium-ion battery pack to power the electric motor that turns the rear wheels.

BATTERY

Details

The Fisker Karma utilizes a 20 kW/h (200kW peak) Lithium-ion battery with an extremely stable iron phosphate composition.

Battery Lifecycle

Battery maintenance is minimal with a 10 year or 100,000 mile lifecycle.

Charging Stations

Fisker's high-voltage charging station can easily be installed in homes with standard electrical service.

Cost

Cost is equivalent to \$0.71/gallon. As little as \$0.03/mile (0.02/km) in All-Electric Stealth Mode, based on SAE calculations. A real world annual average (67% electric only) is closer to \$0.07/mile (0.05/km).

Charge Times

Varies with battery's remaining charge capacity and whether 110v, 220v or 240v current is used. Between 6 hours and 14 hours.

Cost Savings

Varies with driving habits. Average estimate of \$1,500 per year versus similarly-sized, V8-powered luxury car.





TECHNOLOGY

COMMAND CENTER

Intuitive touch-screen interface controls the Karma's audio, phone, climate, navigation, infotainment, and additional systems.

- Task specific visuals
- Haptic feedback touch/ gesture responses
- Vibrant 10.2" touch-screen
- Contextual application displays
- Environmental visualization options relative to Date/ Time/Location
- Quick, intuitive transitions between tasks/modes
- Variable engagement modes accommodate user skill levels



KEYLESS START

Instantly activate your Karma with the remote proximity start system.



DESIGN

INTERIOR

Wood

- Rescued Wood:**
Certified Rescued Wood™
retrieved from the 2007
firestorm in Orange
County, CA.
- Sunken Wood:**
Certified Sunken Wood™
sourced from the bottom
of Lake Michigan.
- Fallen Wood:**
Certified Fallen Wood™
from California storms.

Leather

- Treated at the world's
first energy self-sufficient,
closed-loop leather
manufacturing plant with
both gas and electricity
generated on-site from
by-products of the leather
making process.
- Low Pigmentation
- Chrome Free
- One of the highest yields
in the industry
- Hides purchased
exclusively from
suppliers that adopt
the Five Freedoms
set of principles

Premium Eco-Suede

- 100% Recycled
post-industry virgin
polyester Eco-Suede
reduces energy
consumption and CO2
emissions by 80% during
the recycling process
- Premium Eco-Suede
products deliver on the
promise of excellence
through environmental
responsibility, inherently
beautiful design, and
flawless engineering

EXTERIOR

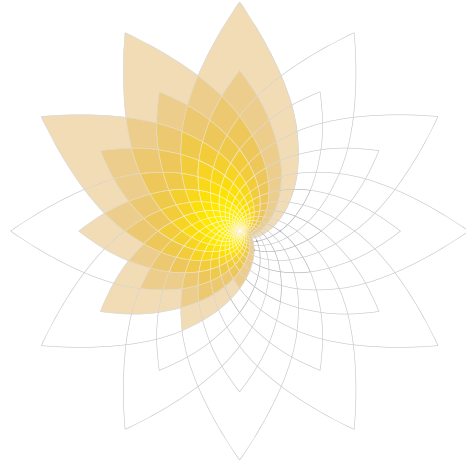
Diamond Dust Paint

First manufacturer to offer high ratio glass flake paint in a production vehicle.

- Developed from a conscious choice to use water based paint
- Leads the industry in reflectivity, shine and gloss







EXTERIOR

Solar Roof

The world's largest seamless solar glass roof for a production vehicle.

- Converts radiated power from the sun into stored electric energy effectively increasing vehicle range
- The solar roof charges the battery to regulate the interior climate control system

- Custom honeycomb design and color treatment complement every Karma paint option
- Can provide up to 200 miles (321km) of annual emission-free voltaic driving





AUDIO

INTERIOR SOUND

Premium audio system including:

- AM/FM/MP3/USB/AUX Connectivity/Satellite
- Steering wheel audio and hands free controls
- Driver Infotainment system with 10.2" display

EXTERIOR SOUND

Fisker Hybrid HZ exterior speakers to warn approaching pedestrians/traffic.





SAFETY

ALUMINUM FRAME

Lightweight extruded aluminum spaceframe developed by Norsk Hydro ASA.

- Uses 5000 and 6000 Series lightweight, high-strength aluminum alloys
- Central structural torque tube connects the front and rear frame sections
- Connected by 79 meters (259.2 feet) of precision welds and 1,058 self-piercing rivets

BRAKES

- Antilock Brakes (ABS)
- Traction Control
- Electronic Stability Control (ESC)
- Brembo 6 piston monoblock (front)/ 4 piston (rear)/ 370 mm rotors front/356 mm rotors rear

AIR BAGS

Frontal dual-advanced restraint system with knee airbags, standard curtain and seat (pelvis/thorax) side airbags.

SAFETY RATINGS

Designed to meet or exceed Global Crash Protection Standards (including rollover).



SPECIFICATIONS

Chassis

- Four-door, Four Passenger Sedan
- Lightweight Extruded Aluminum Spaceframe
- Lightweight Aluminum and Composite Body Panels
- Optimized, Lightweight Aluminum Design
- Energy Efficient, Modular Chassis Subassembly

Performance

- Stealth Mode:**
- Lithium-ion power only
 - 0-60mph = 7.9 sec
 - Top Speed = 95mph (153 km/h)
- Sport Mode**
- Lithium-ion power
 - Internal Combustion Engine (ICE)
 - 0-60mph = 5.9 sec
 - Top Speed = 125mph (200 km/h)

Powertrain

- Dual electric rear motors, rear wheel drive with mid-mounted battery pack and front/mid mounted Internal Combustion Engine (ICE)/Generator combination
- Electric Drive motors: 2x 150 kW (403 HP Total)
- Battery: 20kWh (Peak) Lithium-ion located longitudinally below floorpan along the centerline
- Gasoline Engine: 260 HP Turbocharged 2.0 Liter Direct Injection
- Transmission: Single Speed Fixed Gear
- Linear opposed to exponential acceleration

Safety

- Front Dual Advanced Restraint System with Knee Airbags
- Standard Curtain and Seat (Pelvis/Thorax) Side Airbags
- ABS/Electro-Hydraulic Traction Control System/Electronic Stability Control (ESC)
- Lower Anchors & Tethers for car seat (LATCH) system for three seating positions (front passenger and two in 2nd row)
- Design meets or exceeds Global Crash Protection Standards (including rollover)
- Lightweight Aluminum Frame

Wheels

- Custom Fisker designed 22 inch wheels
- 255/35/R22 Goodyear
- 285/35/R22 Goodyear
- Tire Inflator Kit



Range

- Stealth: 50 miles electric only (80km) - [100mpg (2.4L/100km) equivalent]
- Sport: 250 miles (402 km)
- Total Combined Range = 300 miles (483 km)

Steering

- Hydraulically power-assisted and rack and pinion tuned for optimum control with programmable servo assist feature

Lighting

- Bi-Xenon headlamps
- Low-energy LED tail lamps and turn signals

Dimensions

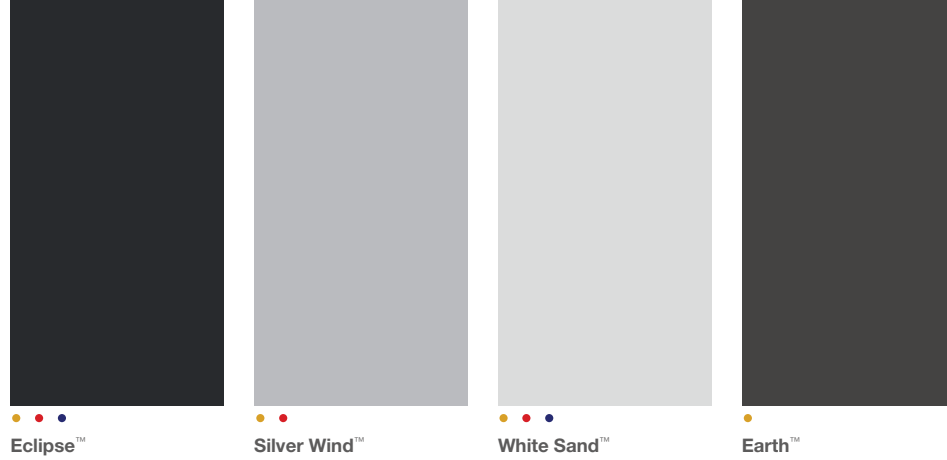
- Overall Length: 196.7 in. (4996 mm)
- Overall Width: 78.1 in. (1984 mm)
- Overall Height: 52.4 in. (1330 mm)
- Front Overhang: 35.9 in. (913 mm)
- Rear Overhang: 36.3 in. (923 mm)
- Wheelbase: 124.4 in. (3160 mm)
- Front Track: 66.6 in. (1692 mm)
- Rear Track: 67.0 in. (1701 mm)

Suspension

- Load-leveling rear shock absorbers
- Mono-tube absorbers
- Tuned to control level of roll dampening
- Flat cornering with little body roll

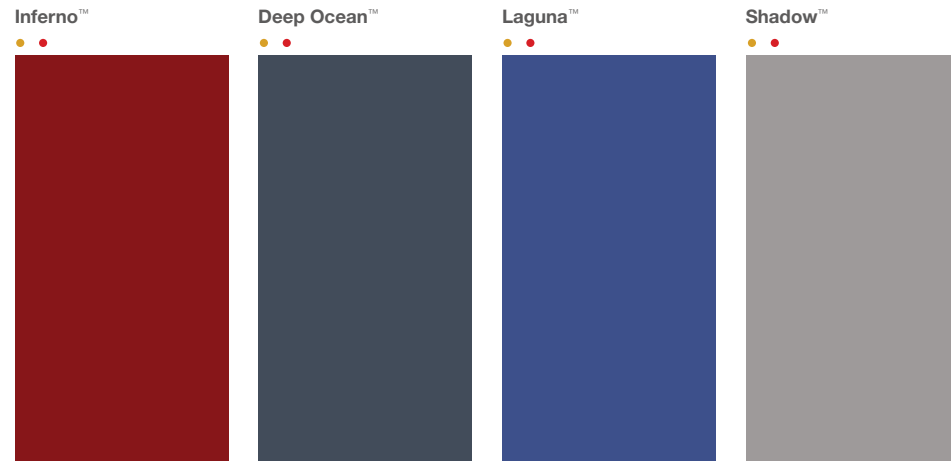
Brakes

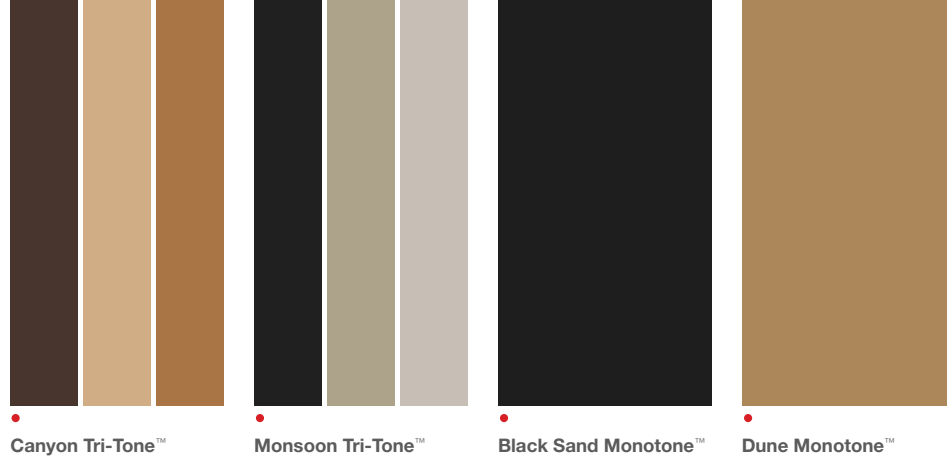
- Electro hydraulic brake boost unit with integrated chassis control function
- ABS, traction control, stability control
- Advanced regenerative blended brake system for maximum energy recapture and improved range
- Large (370mm) diameter vented rotors and 6-piston monoblock calipers
- Electrically actuated parking brake with capacitor back-up



EXTERIOR COLORS

- EcoChic
- EcoSport
- EcoStandard





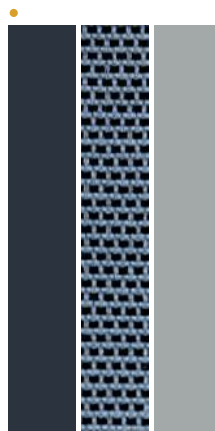
INTERIOR COLORS

- EcoChic
- EcoSport
- EcoStandard

Earth Tri-Tone™



Glacier Tri-Tone™



WOODS

- Rescued Walnut Burl



- Sunken White Oak



- Fallen Mahogany



- Deep Sunken White Oak



INTERIOR

EcoStandard

- Lightweight, animal-free interior environment designed to reflect pure leather grain
- Certified Deep Sunken Wood™ from Lake Michigan
- Wing wood substrate made with recyclable post-consumer pine fiber
- Carpet backing made from recycled post-consumer PET
- Seating foam made from soy-based bio fiber

Interior Color Combinations:

- Black Onyx Monotone™

EcoSport

- Hand-wrapped, premium leather from 100% sustainable processing plant
- Certified Sunken Wood™ from Lake Michigan or Fallen Wood™ from California storms
- Carpet backing from recycled post-consumer materials
- Seating foam made from soy-based bio fiber
- EcoLucent™ transparent laminate illuminating center battery column and door bezels
- Navigation System
- Rear Camera
- Premium Audio Package

Interior Color Combinations:

- Black Sand Monotone™
- Monsoon Tri-Tone™
- Canyon Tri-Tone™
- Dune Monotone™

EcoChic

- The most advanced sustainable material trim package available
- Animal-free materials set the benchmark for responsible luxury
- 100% Recycled post-industry virgin polyester Premium EcoSuede interior
- Premium EcoSuede interior reduces energy consumption and CO2 emissions by 80% during the recycling process
- Certified Rescued Wood™ from California wildfires
- EcoLucent™ transparent laminate with authentic magnolia tree leaves illuminating center battery column and door bezels
- Carpet backing from recycled post-consumer materials
- Seating foam from soy-based bio fiber content
- Navigation System
- Rear Camera
- Premium Audio Package

Interior Color Combinations:

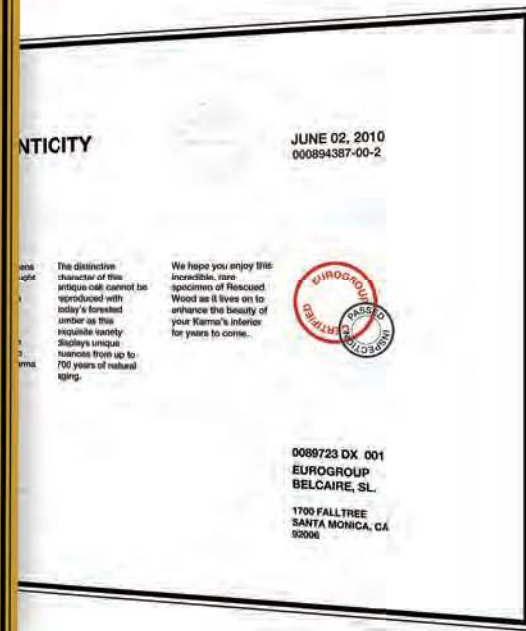
- Earth Tri-Tone™
- Glacier Tri-Tone™

Standard Features

- Automatic Windows/ Doors
- Keyless Ignition with Push Button Start
- ABS, traction control, stability control, Regenerative Braking System
- Seat, knee and curtain side airbags, front dual advanced restraint system
- Alarm System
- Premium 8 Speaker Audio Package
- Interior lighting with parade mode and theatre dimming
- Illuminated entry and exit activated by key fob
- Turn signal tip blinking
- Electric passive entry door handles and keyless activation
- Remote start activates HVAC system in cabin and illuminates exterior parking lights to indicate remote preconditioning

Comfort and Convenience Section

- Dual Zone Climate Control
- Karma Solar Roof
- Tinted window glass with deep tint rear windows and backlite
- Auto Dim Rearview Mirrors
- Express up/down windows with pinch protection
- Body Color Exterior Mirrors
- 6-way heated power seat with power lumbar adjustment and three heat settings
- Heated Rear Seats
- Cruise Control



Letter of Authenticity

All Fisker Karma owners receive certificates documenting the authenticity of the wood featured throughout the interior.



WARRANTY

New Vehicle Limited
Bumper to Bumper
Warranty is 50 months
or 50,000 miles for
U.S. market.

*Warranty for EU will be
market competitive and
announced later this year.

SERVICE

Service available
at authorized
Fisker Locations.



NEW LEAF PAPER®

ENVIRONMENTAL BENEFITS STATEMENT

*of using post-consumer waste
fiber vs. virgin fiber*

Fisker Automotive saved the following resources by using New Leaf Reincarnation Matte, made with 100% recycled fiber and 60% post-consumer waste, processed chlorine free and manufactured with electricity that is offset with Green-e® certified renewable energy certificates:

335	Trees
153,137	Gallons of Water
106	Million BTU of Energy
9,298	Pounds of Solid Waste
31,796	Pounds of Greenhouse Gases

Calculations based on research by Environmental Defense Fund and other members of the Paper Task Force.



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PURE DRIVING PASSION