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DUCK IL Industry Products Are Always in Your Car!

Leading Technology in Automotive Industry

Since its establishment in 1993, DUCK IL Industry has been recognized in the market for its automotive connectors and switches both locally and globally.

DUCK IL Industry is like oxygen, invisible but indispensable.

The car you are riding has been touched by our technology.



The DUCK IL Industry is manufacturing and supplying over wide 500 parts of power supply device, seat switch, control unit and connector etc. for automobile with state-of-the-art equipment and the latest technology. For the continuous growth and improvement, our DUCK IL Industry has invested over 20% of sales for research and development with new equipment to make the best quality product. Your big loves and concerns are needed to DUCK IL Industry for becoming the best partner of you with new technology, high quality and low price.

K. D. You

Control Assembly

HVAC system controls air conditioner & ventilation for your comfort driving under best environment.

It has three-dimensional LED lights in order to make your car inside more stylish.



Console & Accessories

Cup Holder / PRND

Cup holder set is convenient interior part which gives you safe and comfort driving condition for holding any kind of beverage. It also can make ambient condition with LED inside.

For meeting customer demands, lighting brightness and color can be adjusted.



Power Seat Switch

DUCK IL Industry has a commitment to provide the best quality power seat switch. It adjusts your seat position for utmost driving condition.

This allows you to drive at your utmost comfort giving you more time to enjoy the drive. For example

Recliner Limit Switch Ass'y

Control the angle of inclination of backrest



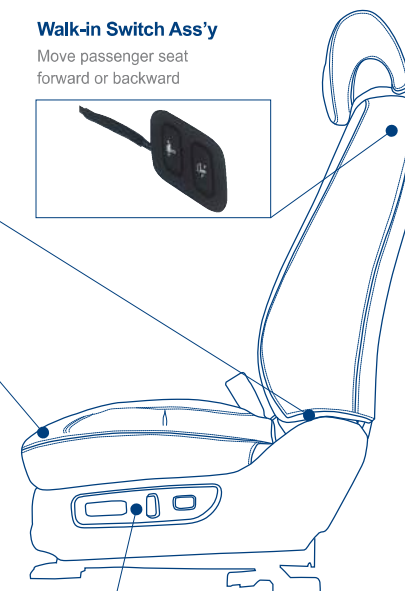
Walk-in Switch Ass'y

Move passenger seat forward or backward



Slide Limit Switch Ass'y

Control the seat adjustment distance



Power Seat Switch Ass'y

Assembly of all switches controlling the basic seat position and backrest angle



Massage Switch Ass'y

Control massage mode for reducing driver's fatigue



Air Lumbar Switch Ass'y

Control the shrinking or expansion of the air that fits driver's waist shape

Lumber Actuator Motor

Lumber Actuator Motor controls the lumbar position of seat (for making a driver feel comfort) which is developed and by DUCK IL own technology and has been provided on domestic /international automotive companies.



Application Product : Lumbar Actuator Ass'y

Control the position of lumbar frame for supporting driver's waist and back.





Wireless charging system is suitable any kinds of mobile gadget such as iPhones, Android and other Electronic devices. Located on the center console of a vehicle, it charges a device with contact.

Avoiding the inconvenience of pulling out wire from a gadget, receiving phone calls and checking text message and so on, it is designed for easy wireless charging

Wireless Charging Device

Flash Light

It is detachable and rechargeable and also consumes low electricity.

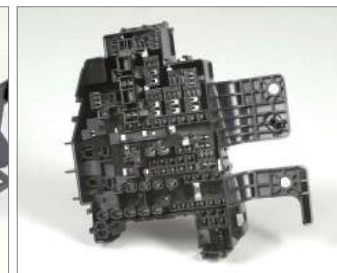
As increased outdoor and leisure activity, it often needs a flash light within easy reach of your hand to find an item in the dark. Now you have the flashlight anytime usable in your car



Fuse & Relay Box

As demand of convenience and safety increasing, reliable power distributor and circuit protectors are needed for more significant roles in a vehicle.

Fuse & Relay Box have function for power distribution so that prevent damage of external load on wires and improve circuit integration. Full support on designing packages, supplying and verification are provided for customers.





Vehicle needs many kinds of housing and connectors for power delivery to a device which needs a signal for operation through a terminal. Two types of wire assembly are in a car. One is wire to wire type and the other is wire to unit type. All connection needs connectors on both ends. DUCK IL products support most of connecting solution that are proper on automotive electronic system.

Connectors

Cable Tie and Clamp

To attach wiring harness and device on a vehicle firmly, it needs cable ties and clamps in order to fix wire position properly for preventing wire disconnection from a device

DUCK IL is capable of providing any kind of cable tie and clamp suitable for customer's preference and demand.





1

Design

Duck IL invests 20% of its total sales in research and development field.

Duck IL has become the leader in Auto Parts industry with its competitive product development and design skills. Design is not just for manufacturing products; rather it makes products look better. Better design adds value to a product as well as improves the performance of it.



2

Mold Fabrication

The best products are made by the best production facilities.

DUCK IL Industry is currently equipped with 70 injection machines and 30 molding machines. The company is capable of producing high-quality products from designing metal mold to assembling PCB. It is performed at the in-house facilities that have wave solder process both for Pb and Pb-free solder and advanced SMD equipment.



3

Injection Process

Assembly Process

1. SMD
2. Wave Solder
3. Paint & Etching
4. Parts Assembly



4

Optimized One Stop Production System

World class products are manufactured by the best equipment and experts. The new Duck IL is being created by so-called "All Process In One this Site". This process refers to product design, mold fabrication, injection, assembly and reliability testing done on the site.



8

Delivery



7

Warehouse

Duck IL is best known for a manufacturer that provides high-quality products With its thorough pre-verification tests.

Under its company philosophy, "We do not sell unless it is perfect", Duck IL only provides high-quality products that passed the quality Test with a perfect score. Both mass-produced goods and prototypes go under tests with Advanced and state-of-the-art equipments.

Product Test & Validation



6

Product Verification on the Line



5



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Production Lines

The best products are made with the best production facilities.

Duck IL is currently equipped with 70 injection machines and 30 molding machines. We are capable of producing high-quality products as whole process, ranging from designing metallic mold to assembling, is performed at in-house facilities that have wave solder process both for pb and pb-free solder and advanced SMD facilities.



**Mold
Production Line**



**Assembly & PCB Assembly
Production Line**

Brief History

1990~1999

Company established and challenge

1993. 08	Established
1994. 05	Selected as a company that is using domestic-made machinery and parts (Connector Housing, by Ministry of Commerce, Industry and Energy)
1997. 07	Incorporated (Duck-Il Industry Co., Ltd.)
1997. 09	Selected as a promising SME (by Small & medium Business Corporation)
1997. 11	Established R&D department (by Korea Industrial Technology Association)
1998. 07	Approved as venture company (by Gyeonggi-do Small & medium Business Corporation)
1998. 11	Awarded a Good Business Award (by Small & medium Business Administration)
1998. 11	Received a Bronze Medal at the 28th Precision Technology Promotion Contest (by Korea Institute of Industrial Technology)
1998. 12	Acquired ISO-9001 Quality Assurance System (by Korea Productivity Center Quality Assurance)
1999. 02	Acquired K-Mark certification (Korea Institute of Industrial Technology)
1999. 03	Receive Award Certificate at the 25th Businessmen's Day (by Minister of the Commerce, Industry and Energy)
1999. 03	Selected as an innovative technology and development company (by Small & medium Business Administration)
1999. 05	Selected as a promising company in advanced technology field (by Governor of Gyeonggi-do)
1999. 06	Registered joint cables and utility model (by Korean Intellectual Property Office)



2000~present

Growth and taking off

2000. 09	President's Award (outstanding capital development)
2001. 02	Acquired QS-9000 Quality Assurance System (KFQ)
2001. 12	Certified SQ-MARK(injection area) (by Hyundai and Kia Motors)
2002. 02	Selected as a CLEAN site
2003. 12	Received a Grand Prize at the 8th Gyeonggi Small & Medium Business Award
2004. 06	Expanded the site
2005. 06	Named as a INNOBIZ certified company (by Small & medium Business Administration)
2005. 08	Selected as a promising export SME (by Small & medium Business Administration)
2006. 01	Certified SQ-MARK (electrical / electronic / soldering Division) (by Hyundai and Kia Motors)
2006. 02	Acquired certification of ISO/TS 16949 & ISQ14001 (by British Standards Institution: BSI)
2006. 12	Established ERP, SCM, POP and KMS computing system
2007. 10	Received Industrial Service Merit (excellent capital development)
2007. 12	Expanded plant in Pyeongtaek City (5,319m)
2010. 04	Started to supply to Chrysler
2011. 04	Built a plant in Cebu, The Philippines and launched SOP
2011. 11	Awarded "US 5 million Export Tower Prize"
2012. 11	Awarded "US 10 million Export Tower Prize"
2013. 11	Awarded "US 20 million Export Tower Prize"
2014. 01	New CI applied
2014. 11	Awarded "US 30 million Export Tower Prize"
2015. 08	Relocate the Head Quarter to the newly built facility

