(Emissions Warranty Parts Selection Standard)

[Headquarter Function]

1 General Provisions

1.1 Purpose

The purpose of this standard is to ensure proper operation and legality of related sections by defining the basic requirements for accurately selecting emissions warranty parts based on emission related regulations.

1.2 Scope

This standard applies to the selection of emissions warranty parts in the United States, Canada, the Republic of Korea (hereinafter referred to as "South Korea"), Taiwan and Sweden.

		Applicable country			
No.	<u>Types</u>	United States Canada	South Korea	<u>Taiwan</u>	Sweden
1	Selection of Emissions Warranty Parts for Automobiles	<u>O</u>	<u>O</u>	<u>O</u>	0
2	<chapter 2=""></chapter> Selection of Emissions Warranty Parts for Motorcycles and ATVs <chapter 3=""></chapter>	<u>O</u>	O (On-Road Vehicles with Engine Displacem ent less than or equal to 50cc)		
<u>3</u>	Selection of Emissions Warranty Parts for Power Products <chapter 4=""></chapter>	<u>O</u>			
4	Selection of Emissions Warranty Parts for Outboard Engines <chapter 5=""></chapter>	<u>O</u>			

1.3 Relevant Regulations

Relevant regulations specified in this standard are as follows:

No.	Relevant Regulation	Overview	Subject products
1	40 CFR 85	Code of Federal Regulations established based	United States and
_	Subpart V	on Clean Air Act of U.S. Federal Law, stipulating	Canada
	<u> </u>	the emissions warranty periods for LDV (light	Automobile
		duty vehicle) and LDT (light duty truck), the	
		necessity of warranty provisions in owner's	
		manual and warranty booklet, notification to EPA	
		(Environmental Protection Agency) and civil	
		penalty, etc.	
2	Section 207(a),	Notification issued by EPA (as of July 18, 1995) that	United States and
_	Clean Air Act	includes the following attachments:	Canada
	<u></u>	- Attachment A: specifies emission related parts	Automobile
		(excludes specific and major	Att. A is applied
		emission related parts) subject to	for motorcycle
		regulations.	(on-road)
		- Attachment B: specifies the warranty periods for	<u>(01110dd)</u>
		parts listed in Attachment A and C.	
		- Attachment C: specifies the specific and major	
		emission related parts that are	
		covered by 8 year, or 80K mile	
		warranty	
3	40 CFR 1051	Code of Federal Regulations established based on	United States
3	Subpart B	Clean Air Act of U.S. Federal Law, stipulating	Motorcycle
	Subpart D	emissions warranty periods for OFMC (off-highway	(off-road), ATV
		motorcycles) and ATV vehicles of model year 2006	(011-10au), A 1 v
		and newer necessity of warranty provisions in owner's manual and warranty booklet, etc.	
4	40 CER 00 Subport		United States and
4	40 CFR 90 Subpart	Code of Federal Regulations established based on	United States and
	L 40 CEB 1054	Clean Air Act of U.S. Federal Law, stipulating the	Canada Power products
	40 CFR 1054	emissions warranty periods for power product	- Power products
	Subpart B	nonroad spark-ignition engines less than or equal to	
		19kw, the necessity of warranty provisions in	
	40 CED 1045	owner's manual and warranty booklet, etc.	United States and
<u>5</u>	40 CFR 1045	Code of Federal Regulations established based on	United States and
	Subpart B	U.S. Clean Air Act of U.S. Federal Law stipulating	<u>Canada</u>
		emissions warranty periods for spark-ignition marine	• Outboard
		propulsion engines of model year 2010 and newer,	<u>engines</u>
		the necessity of warranty provisions in owner's	
	Line ithe Arcal Octor	manual and warranty booklet, etc.	Linite d Otalia
<u>6</u>	Health And Safety	California law stipulating emissions warranty	United States
	<u>Code Sec.43205</u>	(includes high-cost parts) for LDV (light duty vehicle)	- Automobile
	000 70 10	and LDT (light duty truck)	11.11.10.1
<u>7</u>	CCR, Title 13,	California Law stipulating emission related parts	United States
	Division 3,	(includes those listed in "Emission related Parts List"	 Automobile
	Chapter 1, Article 1	in ARB Notification <issued 1,="" 1990="" jun.="">) subject</issued>	 Motorcycle
	Sec.1900(b)(3)	to regulations.	(on-road)

	T		3/33
No.	Relevant Regulation	<u>Overview</u>	Subject products
8	CCR, Title 13 Division 3, Chapter 1, Article 6, Sec.2035~ Sec.2046	California Law stipulating the emissions warranty details (emissions warranty period, etc.) defined in Health And Safety Code, §43205. (*1)	United States - Automobile - Motorcycle (on-road)
9	CCR, Title 13, Division 3, Chapter 1, Article 1 Sec.1962 (c)(2)(D)	California Law stipulating the emissions warranty period required for PZEV (Partial Zero Emission Vehicle).	United States • Automobile
10	CCR, Title 13, Division 3, Chapter 9, Article 1 Sec.2405(b),(c)	California law stipulating emissions warranty periods for power product nonroad spark-ignition engines less than or equal to 19kw or less, the necessity of warranty provisions in owner's manual and warranty booklet, etc.	United States Power products
11	CCR, Title 13, Division 3, Chapter 9, Article 4, Sec.2445.1(c),(d)	California law stipulating emissions warranty periods for outboard engines of model year 2001 and newer years, the necessity of warranty provisions in owner's manual and warranty booklet, etc.	United States Outboard engines
12	Canadian Environmental Protection Act, 1999 Part 7 Division 5 §160	Environmental Protection Act under Canadian Federal Law that is equivalent to the requirements of U.S. Federal Law, stipulating the regulatory requirements, including emissions warranty.	Canada
<u>13</u>	On-Road Vehicle and Engine Emission Regulations(SOR/2 003-2)§18	Code of Federal regulation established based on Canada's federal law Canadian Environmental Protection Act—stipulating the application of U.S. federal regulations, including emissions warranty for emission related regulatory requirements (*2).	Canada · Automobile · Motorcycle (on-road)
14	Enforcement Regulation of Air Environment Preservation Law, Chapter 4.	Enforcement regulation stipulating the exhaust gas regulations for overall automobiles, etc. (emission standards, emission related parts, warranty period, etc.) in accordance with Air Environment Preservation Law of South Korean Law.	Korea
<u>15</u>	Cancellation and abolishment regulations of certificate of passing vehicle exhaust gas inspection for gasoline and alternative clean fuel engine vehicles	An enforcement regulation specifying the procedures and requirements on issuance of gasoline vehicles, based on Clean Air Act of Taiwan Regulation. The regulation also stipulates the specification of emission related parts in owner's manual.	Taiwan • Automobile
<u>16</u>	Swedish exhaust gas regulations	Sweden law that stipulates procedures and requirements relating to emission gas and certification. Requirements relating to emissions warranty are specified.	Sweden - Automobile

1.4 Definition of Terms

The terms and definitions used in this chapter are as follows:

No.	Term	Definition
1	Emissions warranty	To warrant the emission related parts stipulated in emission related regulations without charge, including diagnostic fee, when a problem is found, in accordance with the period and distance stipulated in the regulation.
2	Emissions warranty parts	Parts subject for emissions warranty.
3	Emission related parts (<u>United</u> States, Canada)	Parts installed to control emission or, component, system or design factor required to properly operate for continuous assurance of vehicle emission compliance.
4	Emission related parts (South Korea)	Parts specified as emission related parts in Enforcement Regulation of Air Environment Preservation Law.
<u>5</u>	Emission related parts (Taiwan)	Parts stipulated as emission related parts in cancellation and abolishment regulations of certificate of passing vehicle exhaust gas inspection for gasoline and alternative clean fuel engine vehicles
<u>6</u>	Emission related parts (Sweden)	System, parts and specific functions in vehicles or engines that control or limit emissions
7	Specific major emission related parts	The following emission related parts stipulated in Attachment C in EPA Notification (Jul. 18, 1995 issue) as subject to emissions warranty of 8 year, or 80K mile: A) Catalytic converter B) Electronic emission control unit C) On board emission diagnosis device (hereinafter referred to as "OBD") D) Related parts required for repairing A), B) or C)
8	High-cost parts	Emission related parts listed in the certification application §17.01.04 "Emission related Parts Costing More Than (Cost limit For High-Cost Warranty Parts)," which the total cost (part cost + labor cost) necessary for part replacement exceeds the amount specified in California Law, Title 13, CCR, Division 3, Chapter 1, Article 6.
9	OBD (on-board diagnosis) device	Device or part that has a function of diagnosing emission control system failure.
10	Warranty booklet	A booklet provided to the purchaser of the vehicle together with the owner's manual specifying all the warranties provided with the vehicle, based on U.S. Code of Regulations, such as 40 CFR 85 Subpart V.
11	Emissions warranty statement	A statement, provided to the purchaser of the product together with the owner's manual for power products, etc., based on US Code of Federal Regulations, 40 CFR 1054 Subpart B.

2 Selection of Emissions Warranty Parts for Public Road Driven Honda and Acura Brand Automobiles Sold for Public Road Driving in the <u>United States, Canada,</u> South Korea, <u>Taiwan</u> and <u>Sweden</u>

2.1 Management System

- 2.1.1 Management system for selecting emissions warranty parts is outlined in Attachment-1 "Management System of Emissions Warranty Parts Selection for Automobiles."
- 2.1.2 The person responsible for each operation listed under "Management System for Emissions Warranty Parts Selection for Automobiles" is the head of the section in charge of the subject operation (for Honda R&D Co., Ltd., it is the head of each member's section; hereinafter referred to as "R&D").

2.2 Issuance of Annual Model Year Schedule

- 2.2.1 The service section of HQ sends an annual model year schedule (Model Year Emission Parts List Schedule) to the following sections in the beginning of each year, specifying the preparation schedule, etc. for emissions warranty parts list:
 - (1) R&D
 - (2) Technical Administration Section at Honda R&D Americas Inc. (hereinafter referred to as "HRA")
 - (3) Certification & Regulation Compliance Division
 - (4) Product Regulatory Office of American Honda Motor Co., Inc. (hereinafter referred to as "AH-PRO")

2.2.2 The service section of HQ prepares the annual model year schedule based on the following basic schedule:

Section in	Honda Motor Co., Ltd.	R&D, HRA	Honda Moto	or Co., Ltd.	<u>A</u>	<u>.H</u>	
Charge	Service Section	New Model Development Team, Technical Administration Section	Service Section	PRO Service Section	Certification & Regulation Compliance Division	Publication Issuing Department	
	Issue, send	Confirm, revise, send		Confirm, send	Confirm, select, send		
Basic Schedule		—		16-18 weeks			
		4-6 weeks	2 weeks	2 weeks	2 weeks	6 weeks	MP
Preparation Procedure of Emission Warranted Parts List, by <u>model</u>	Request for preparation and confirmation of emission related parts list by model	Confirm and revise name, basic part number, etc.	Fill-in and revise part numbers exclusive to Service Section	Confirm legality	Confirm legality, high-cost parts, etc. and emission warranted parts list	Complete warranty booklet block copy, arrange printing	

2.3 Initial Selection of Emissions Warranty Parts

New Model Development Team from R&D, based on the overall schedule of new model development, initially selects parts and systems from all the parts and systems the model is equipped with and presents it to the examination chief at the "OBD (on-board diagnosis) monitored parts and emissions warranty parts selection examination meeting" stipulated in paragraph 2.4.

2.4 OBD Monitored Parts and Emissions Warranty Parts Selection Examination Meeting

2.4.1 Managing and Holding the Meeting

- (1) The R&D and Certification & Regulation Compliance Division manages the "OBD monitored parts and emissions warranty parts selection examination meeting" (hereinafter referred to as "examination meeting") to accurately select the emissions warranty parts.
- (2) The examination chief, appointed by the manager of OBD development section, organizes the examination meeting commissioned by the Quality Planning office of R&D, and the Certification & Regulation Compliance Division assembles the related sections.
- (3) The examination chief, upon receiving the request of holding the examination meeting from the New Model Development Team, holds the meeting upon necessity based on the schedule described in model year emission parts list schedule.

2.4.2 Members of Examination Meeting and Roles

Members of the examination meeting and their roles are as follows_₹:

Member		Role	
R&D	Examination Chief (OBD Development Division)	 Decide the necessity of holding an examination meeting. Select members for the examination meeting. Make the final decision in emissions warranty parts selection. Maintain, revise, abolish examination meeting operational manual. 	
	Expert Member	 Support technical judgment (includes judgement of whether or not the part is OBD device) in selection (research section). Manage registration of emissions warranty part (designated person from the Design section) 	
	New Model Development Team	 Present the results of the initial selection for emissions warranty parts. Propose the necessity of holding examination meetings. 	
	Certification & Regulation Compliance Division - Assemble a meeting prior to holding the selection meeting Confirm legality (confirm appropriateness of parts selection and regulation interpretation) Maintain revise, abolish examination meeting operation manual Collect and notify regulatory information.		
Quality Audit & Compliance Division		- Monitor compliance	
Service Section of HQ		Acknowledge contents of the examination meeting result.Confirm progress of parts selection.	

2.5 Preparation of Integrated Model year based Parts List

Expert member from R&D prepares a model year based integrated parts list, specifying by model year, the subject part names and main part number (first five digits) for all models, based on the final decisions made at the examination meeting, and sends it to the service section of HQ.

2.6 Preparation of Model based Parts List

- 2.6.1 The service section of HQ prepares model based parts list by specifying basic part numbers and part names based on integrated model year based parts list.
- 2.6.2 The service section of HQ sends the prepared model based parts list, attaching the approval sheet to the technical administration section of R&D (including HRA) with a specific due date.

2.7 Confirmation and Revision of Model based Parts List

- 2.7.1 The Technical Administration Section of R&D (includes HRA) requests confirmation of the model based parts list with the approval sheet received from the service section of HQ to the New Model Development Team of R&D (includes HRA) with a specific due date.
- 2.7.2 The New Model Development Team of R&D (includes HRA) confirms, revises or makes additions to the model based parts list as follows, and submits the approval sheet to the Technical Administration Section of R&D (including HRA), upon obtaining approval from the person responsible of the design section.
 - (1) Confirm, revise names and basic part numbers of the subject parts.
 - (2) Fill in the applicable category items for the subject parts (example: destination, specification of engine, transmission, etc.)
- 2.7.3 The Technical Administration Section of R&D (includes HRA) confirms that there are no blanks in the model based parts list and the approval sheet and promptly sends it back to the service section of HQ.

2.8 Indication of Part Numbers Exclusive to Service Section

The service section of HQ fills in the part numbers exclusive to the service section in the model based parts list sent by the Technical Administration Section of R&D (includes HRA) and sends it to the Certification & Regulation Compliance Division, upon obtaining approval on the approval sheet from the responsible person of the section.

2.9 Legality Confirmation

- 2.9.1 The Certification & Regulation Compliance Division promotes legality, etc. of the model based parts list sent from the service section of HQ as follow:
 - (1) Confirm legality of whether emissions warranty parts are properly selected <u>and obtain</u> <u>approval from the responsible person of the section on the approval sheet</u>, based on <u>related</u> the emissions warranty <u>requirements</u>.
 - (2) In regards to the approved model based parts list, those destined for the United States and Canada are to be sent to AH-PRO and those destined for South Korea, Taiwan and Sweden are to be sent to service section of HQ.
- 2.9.2 <u>Service section of HQ sends the model based parts list destined for South Korea,</u>

 <u>Taiwan and Sweden, received from the Certification & Regulation Compliance Division,</u>

 <u>to the following section:</u>
 - (1) Service section of Honda Korea for those destined for Korea
 - (2) Service section of Honda Taiwan Co., Ltd. for those destined for Taiwan
 - (3) Service section of Honda Nordic for those destined for Sweden

2.10 Registration in the Electronic Data Processing System

- 2.10.1 The Certification & Regulation Compliance Division registers the emissions warranty parts by following the procedures below:
 - (1) Receive the emissions warranty parts list AH-PRO completed based on the model based parts list.
 - (2) Check the emissions warranty parts list with the model based parts list.
 - (3) Register emission warranty parts in the emissions warranty monitoring system.
- 2.10.2 The service section of HQ the emissions warranty parts upon following the procedure below:
 - (1) Receive the emissions warranty parts list AH-PRO completed based on the model based parts list.
 - (2) Check the emissions warranty parts list with the model based parts list sent to the Certification & Regulation Compliance Division in paragraph 2.8.
 - (3) Register in the warranty processing system and send it to the service technology section for reflection in servicing materials, etc.

3 Selection of Emissions Warranty Parts for Motorcycles and ATVs sold in <u>the United States</u> and Canada, and for Motorcycles (On-Road Vehicles with Engine Displacement of 50cc or More) Sold in South Korea

3.1 Management System

- 3.1.1 Management system for selecting emissions warranty parts is outlined in to Attachment-2 "Management System of Emissions Warranty Parts Selection for Motorcycles and ATVs."
- 3.1.2 The person responsible for each operation listed under "Management System for Emissions Warranty Parts Selection for Motorcycles and ATVs" is the head of the section in charge of the subject operation.

3.2 Initial Selection of New Emissions Warranty Parts

Expert members of R&D initially selects parts and systems applicable to new emissions warranty parts from all the parts and the systems for the new mechanism, based on the overall schedule of new model development and present it at the "new emissions warranty parts confirmation meeting" stipulated in paragraph 3.3.

3.3 New Emissions Warranty Parts Confirmation Meeting

- 3.3.1 Managing and Holding the Meeting
 - (1) The following members manage the "new emissions warranty parts confirmation meeting" (hereinafter referred to as "confirmation meeting") to accurately select the emissions warranty parts.
 - (2) The confirmation meeting is annually held with the related sections assembled by the Certification & Regulation Compliance Division.

3.3.2 Members of Confirmation Meeting and Their Roles

Members of the confirmation meeting and their roles are as follows=:

Member	Role
R&D (Expert member)	 Present the results of the initial selection of emissions warranty parts. Support technical judgment in selection of emissions warranty parts (research section). Manage registration of emissions warranty parts (design section). Make the final decision in emissions warranty parts selection.
Certification & Regulation Compliance Division	 Assemble a preliminary meeting prior to confirmation meeting. Confirm legality (confirm appropriateness of parts selection and regulation interpretation). Collect and notify regulatory information. Provide advice on the selection of emissions warranty parts.
Quality Audit & Compliance Division Service Section of HQ	Monitor compliance status. Acknowledge contents of the confirmation meeting results

- 3.4 Establishment of Names for New Emissions Warranty Parts
 - 3.4.1 Certification & Regulation Compliance Division establishes names for new emissions warranty parts of models sold in the United States and Canada, decided during the confirmation meeting, and notifies the service section of HQ the names.
 - Names of new emissions warranty parts are decided upon consulting with AH-PRO.
 - 3.4.2 The service section of HQ sends the lists including new emissions warranty parts to the following parties:
 - (1) Service section of AH
 - (2) Service section of Honda Canada Inc. (hereinafter referred to as "CH")
- 3.5 Issuance of Emissions Warranty Parts List Drawing

The new model development team of R&D, based on the overall schedule of new model development, will issue model based emissions warranty parts list drawing that reflects the new emissions warranty parts decided at the confirmation meeting specified in paragraph 3.3.

- 3.6 Preparation of Integrated Parts List, etc. by Model
 - 3.6.1 Certification and Regulation Compliance prepares an integrated model based parts list after verifying compliance based on the emissions warranty parts list of models sold in <u>the United</u> States and Canada issued by R&D and sends it to the service section of HQ.
 - The integrated model based parts list is prepared by checking product numbers of parts for sales with the service section of HQ.
 - 3.6.2 Certification and Regulation Compliance prepares a model based parts list based on the emissions warranty parts list of models sold in South Korea issued by R&D, and sends it to the service section of HQ.
- 3.7 Preparation of Emissions Warranty Parts List
 - 3.7.1 The service section of HQ prepares an emissions warranty part lists by filling in the basic part numbers and part names in the integrated model based parts list after verifying the part numbers (first five digits) with the integrated part list of models sold in the United States and Canada issued by Certification and Regulation Compliance Division.
 - If there is a need to add product number of parts depending on the sales form in the market, do so after coordinating with the Certification and Regulation Division.
 - 3.7.2 The service section of HQ sends the emissions warranty list of models sold in the United States and Canada to the following:
 - (1) Certification and Regulation Division
 - (2) Service section of AH
 - (3) Service section of CH

- 3.8 Registration in the Electronic Data Processing System
 - 3.8.1 Certification and Registration Division registers information of emissions warranty parts on models for <u>the United States and Canada</u> in the emissions warranty parts warranty monitoring system based on the emissions warranty parts list received in paragraph 3.7.
 - 3.8.2 The service section of HQ registers information of emissions warranty parts on models for the United States and Canada in the emissions warranty parts warranty monitoring system based on the emissions warranty parts list completed in paragraph 3.7.
 - 3.8.3 The service section of HQ sends the model based emissions warranty parts list for models sold in South Korea, submitted by Certification and Regulation Division, to the service section of Honda Korea.

4 Selection of Emissions Warranty Parts for Power Products Sold in the United States and Canada

4.1 Management System

- 4.1.1 Management system for selecting emissions warranty parts is outlined in Attachment-3 "Management System of Emissions Warranty Parts Selection for Power Products."
- 4.1.2 The person responsible for each operation listed under "Management System for Emissions Warranty Parts Selection for Power Products" is the head of the section in charge of the subject operation (for Honda R&D Co., Ltd., the head of each member's section).

4.2 Initial Selection of New Emissions Warranty Parts

The New Model Development Team of R&D initially selects parts and systems applicable to new emissions warranty parts from the parts and systems of the new mechanism, based on the overall new model development schedule. Expert members of R&D review the parts and/or systems and present it at the examination chief at a "New Emissions Warranty Parts Selection Meeting," stipulated in paragraph 4.3.

4.3 New Emissions Warranty Parts Selection Meeting

- 4.3.1 Managing and Holding the Meeting
 - (1) R&D and Certification & Regulation Compliance Division holds a new emissions warranty parts selection meeting (hereinafter referred to as "selection meeting") to accurately select the emissions warranty parts.
 - (2) Certification & Regulation Compliance Division assembles the related sections and holds the selection meeting as the frequency below:
 - Occasionally hold, if the parts selected in paragraph 4.2 require verification from related sections.
 - Hold once a year to ensure completeness.

4.3.2 Members of Selection Meeting and their Roles

Members of the selection meeting and their roles are as follows:

Member	Role
R&D (New Model Development Team)	 Decide the necessity of holding selection meetings Present results of initial selection of emissions warranty parts. Provide technical judgment support in selecting emissions warranty parts (research section) Manage registration of emissions warranty parts (designated person from the design section)
Certification & Regulation Compliance Division	 - Assemble a meeting prior to holding the selection meeting. - Confirm legality (confirmation on the appropriateness of parts selection and regulation interpretation). - Collect and notify regulatory information. - Final judgment on the selection of emissions warranty parts.
Quality Audit & Compliance Division Service Section of HQ	- Monitor compliance. - Acknowledge the results of the selection meeting. - Confirm progress of parts selection.

4.4 Issuance of Emissions Warranty Parts Drawing List

The new model development team of R&D issues collective emissions warranty parts list drawing, reflecting the new emissions warranty parts decided at the selection meeting based on the overall schedule of new model development.

4.5 Preparation of Emissions Warranty Parts List

- 4.5.1 Certification and Regulation Compliance Division notifies the service section of HQ the information issued by R&D.
- 4.5.2 The service section of HQ prepares the emissions warranty parts list, checking the product numbers of parts for sales in accordance with the emissions warranty parts list issued by R&D.
- 4.5.3 The service section of HQ sends the emissions warranty list to the following:
 - (1) Service section of AH
 - (2) Service section of CH

4.6 Issuance of Emissions Warranty Statement

The service technology section completes a draft of block copy of emission warrant statement and sends it to the manufacturing facility in time for the application by manufacturing facility.

- 4.7 Specifying Emissions Warranty in the Owner's Manual
 - 4.7.1 The service technology section, if requested by AH to include emissions warranty statement in owner's manuals for products such as generators, edits the owner's manual in accordance with the emissions warranty statement received from the publication issuing department of AH and prepares it into the draft of new owner's manual.
 - 4.7.2 The service technology section completes a draft of block copy of owner's manual, upon receiving confirmation from the Certification & Regulation Compliance Division, and sends it to the manufacturing facility in time for mass production.
- 4.8 Registration in the Electronic Data Processing System

The service section of HQ registers information of emissions warranty parts in the warranty data processing system based on the emissions warranty parts list completed in paragraph 4.5.

5 Selection of Emissions Warranty Parts for Outboard Engines Sold in <u>the United States and</u> Canada

5.1 Management System

- 5.1.1 Management system for selecting emissions warranty parts is outlined inAttachment-4 "Management System of Emissions Warranty Parts Selection for Outboard Engines."
- 5.1.2 The person responsible for each operation listed under "Management System for Emissions Warranty Parts Selection for Outboard Engines" is the head of the section in charge of the subject operation.

5.2 Initial Selection of Emissions Warranty Parts

- 5.2.1 The new model development team of R&D initially selects parts and systems applicable to new emissions warranty parts from the parts and systems for a new mechanism, based on the overall new model development schedule. Expert members of R&D review the parts and/or systems and present it to the Certification and Regulation Compliance Division.
- 5.2.2 The Certification and Regulation Compliance Division confirms legality of the new emissions warranty parts initially selected by R&D and notifies R&D the result.

5.3 Issuance of Emissions Warranty List Drawing

The new model development team of R&D issues emissions warranty parts drawing list per model, reflecting the new emissions warranty parts decided at the selection meeting based on the overall schedule of new model development.

5.4 Preparation of Integrated Model based Parts List

Certification and Regulation Compliance Division prepares an integrated parts list in accordance with the emissions warranty parts list issued by R&D, and sends it to the following=:

- (1) Service section of HQ
- (2) AH-PRO

5.5 Preparation of Emissions Warranty Parts List

- 5.5.1 The service section of HQ prepares the emissions warranty parts list, checking the product numbers of parts for sales in accordance with the integrated parts list sent from Certification and Regulation Compliance Division.
- 5.5.2 The service section of HQ sends the emissions warranty list to the service section of AH.

5.6 Specifying Emissions Warranty in the Owner's Manual

- 5.6.1 The service technology section edits the owner's manual in accordance with the emissions warranty statement received from the publication issuing department of AH and prepares the manual into a new draft of owner's manual.
- 5.6.2 The service technology section completes a block copy of owner's manual (draft), completes it after receiving confirmation from the Certification & Regulation Compliance Division, and sends it to the manufacturing facility in time for mass production.

5.7 Registration in the Electronic Data Processing System

The service section of HQ registers information of emissions warranty parts in the warranty data processing system, based on the emissions warranty parts list completed in paragraph 5.5.

6 Supplementary Provision

6.1 Application of Standard

Items regarding establishment, revision and use of this standard are outlined in G-HQS [Quality Management Standards Control Standard].

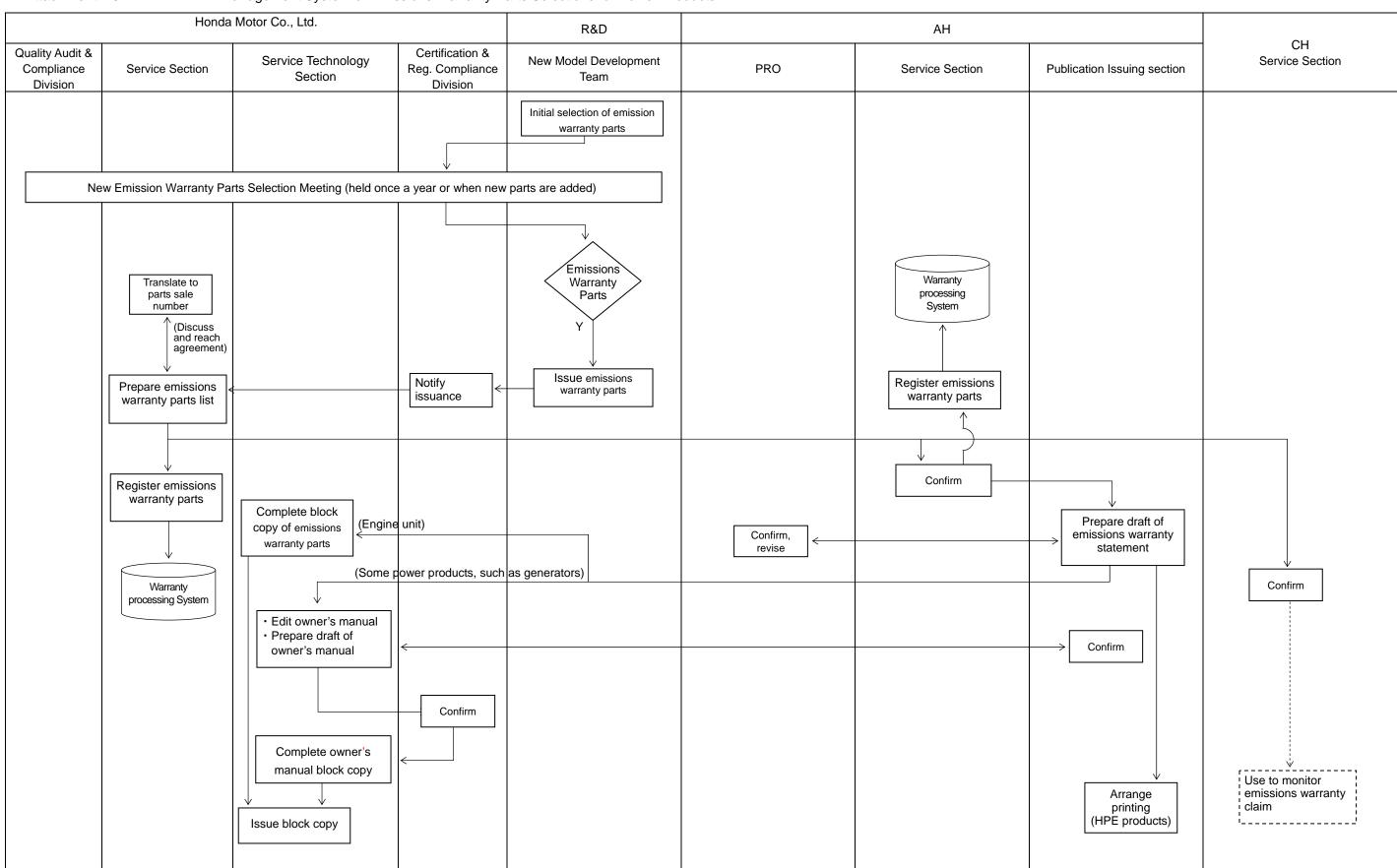
< Legend >

: Information Flow

:Administration Section

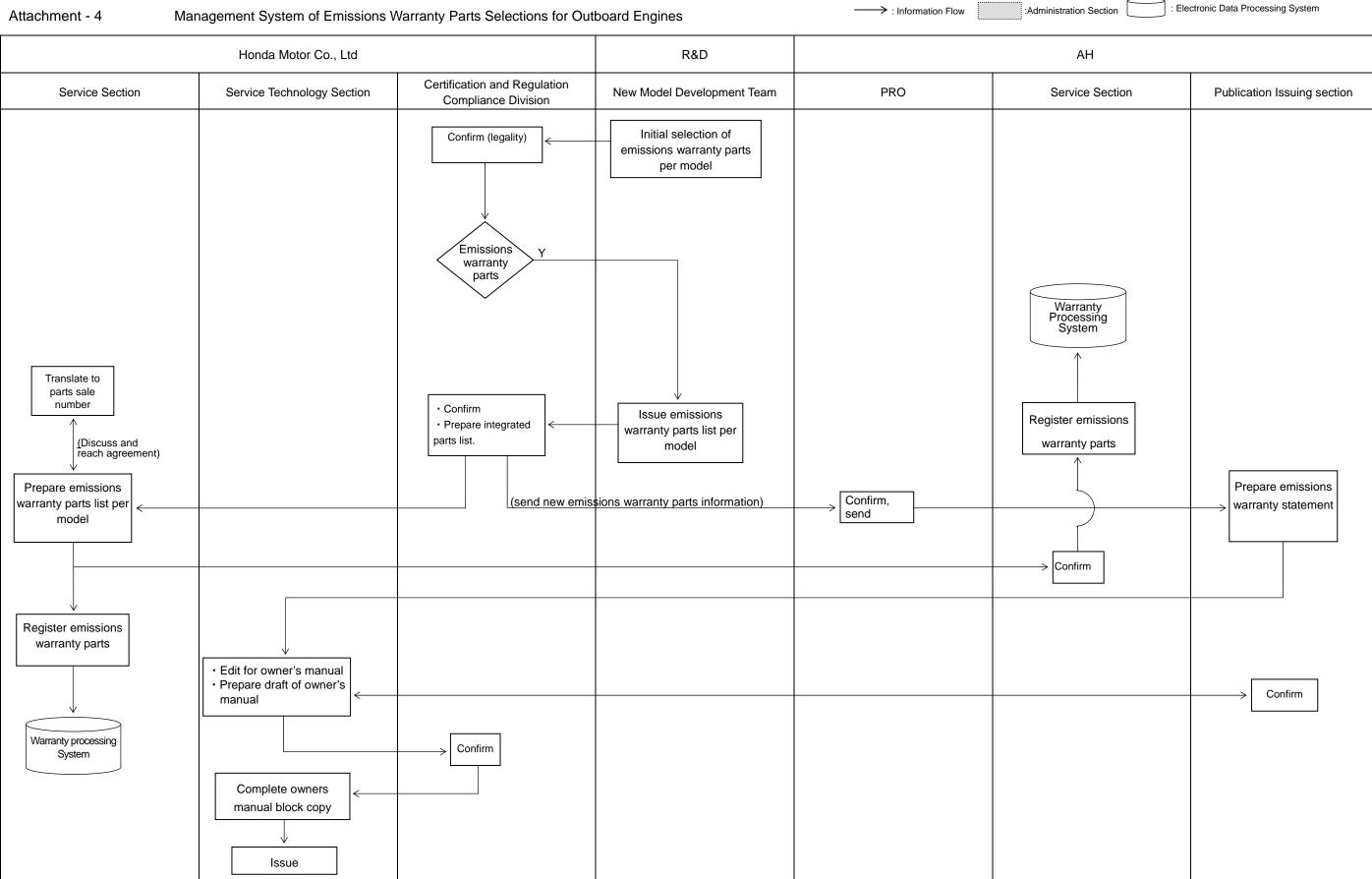
: Electronic Data Processing System

Management System of Emissions Warranty Parts Selections for Power Products



< Legend >

Attachment - 4 Management System of Emissions Warranty Parts Selections for Outboard Engines



[NA Option]

1 General Provisions

1.1 Purpose

The purpose of this standard is to ensure proper operation and legality of related sections by defining the basic requirements for accurately selecting emissions warranty parts based on emission related regulation.

1.2 Scope

This standard applies to operations performed by AH and CH, regarding the selection of automobile emissions warranty parts in the United States, Canada.

1.3 Relevant Regulations

Relevant regulations specified in this standard are as follows:

No.	Relevant Regulation	<u>Overview</u>	Subject products
1	40 CFR 85, Subpart V	Code of Federal Regulations established based on Clean Air Act of U.S. Federal Law, stipulating the emissions warranty periods for LDV (light duty vehicle) and LDT (light duty truck), necessity of warranty provisions in owner's manual and warranty booklet, notification to EPA (Environmental	United States and Canada • Automobile
		Protection Agency) and civil penalty, etc.	
<u>2</u>	Section 207(a) of Clean Air Act	Notification issued by EPA (as of July 18, 1995), which includes the following attachments: - Attachment A: specifies the emission related parts (excludes specifically major emission related parts) that are subject to regulations Attachment B: specifies the warranty periods for parts listed in Attachment A and C Attachment C: specifies the specificly major emission related parts that are covered by 8 year, or 80K mile warranty.	United States and Canada
3	40 CFR 1051, Subpart B	Code of Federal Regulations established in accordance with Clean Air Act of U.S. Federal Law, stipulating emissions warranty periods for OFMC (off-highway motorcycles) and ATV vehicles of model year 2006 and newer, the necessity of warranty provisions in owner's manual and warranty booklet, etc.	United States • Motorcycle (off-road), ATV

	I		22/35
<u>No.</u>	Relevant Regulation	<u>Overview</u>	Subject products
<u>4</u>	40 CFR 90, Subpart L	Code of Federal Regulations established based	United States and
	40 CFR 1054, Subpart B	on Clean Air Act of U.S. Federal Law,	<u>Canada</u>
		stipulating emissions warranty periods for	Power products
		power product nonroad spark-ignition engines	
		less than or equal to 19kw, the necessity of	
		warranty provisions in owner's manual and	
	10.055.10.15.0.115	warranty booklet, etc.	11.77.100.4
<u>5</u>	40 CFR 1045, Subpart B	Code of Federal Regulations established in	United States and
		accordance with Clean Air Act of U.S. Federal	<u>Canada</u>
		Law, stipulating emissions warranty periods for	• Outboard
		spark-ignition marine propulsion engines of model year 2010 and newer, the necessity of	<u>engines</u>
		warranty provisions in owner's manual and	
		warranty browlers in owner's manual and warranty booklet, etc.	
<u>6</u>	Health And Safety	California law stipulating emissions warranty	United States
0	Code Sec.43205	(includes high-cost parts) for LDV (light duty	Automobile
	0006 060.40200	vehicle) and LDT (light duty truck)	Automobile
7	CCR, Title 13, Division 3,	California Law stipulating the emission related	United States
<u> </u>	Chapter 1, Article 1	parts (includes ones listed "Emission related	Automobile
	Sec.1900(b)(3)	Parts List" in ARB (Air Resources Board)	Motorcycle
	223.1000(2)(0)	Notification <jun. 1,="" 1990="" issue="">) subject= to</jun.>	(on-road)
		regulations.	(0111000)
8	CCR, Title 13, Division 3,	California Law stipulating the emissions	United States
	Chapter 1, Article 6	warranty details (emissions warranty period,	Automobile
	Sec.2035~Sec.2046	etc.) defined in Health And Safety Code,	Motorcycle
		§43205. *1	(on-road)
9	CCR, Title 13, Division 3,	California Law stipulating the emissions	United States
_	Chapter 1, Article 1	warranty period required for PZEV (Partial Zero	Automobile
	Sec.1962 (c)(2)(D)	Emission Vehicle).	
		·	
10	CCR, Title 13, Division 3,	California law stipulating nonroad spark-ignition	United States
	Chapter 9, Article 1	engines less than or equal to 19kw, its related	Power products
	Sec.2405(b),(c)	emission parts and emissions warranty periods,	
		etc.	
4.4	OOD TH- 40 Dill 0		Haita d Otata
<u>11</u>	CCR, Title 13, Division 3,	California law stipulating emissions warranty	United States
	Chapter 9, Article 4 Sec.2445.1(c),(d)	periods for outboard engines of model year	- Outboard
	<u>3€6.∠443.1(6),(0)</u>	2001 and newer, the necessity of warranty	<u>engines</u>
1		provisions in owner's manual and warranty booklet, etc.	
<u>12</u>	Canadian Environmental	Environmental protection act under Canadian	Canada
14	Protection Act, 1999 Part	Federal Law equivalent to the standard required	- Automobile
	7 Division 5 §160	of emissions warranty under U.S. Federal Law,	Motorcycle
1	1 DIVISION 3 100	stipulating the regulatory requirements including	(on-road)
		emissions warranty.	<u>(on-roau)</u>
		Omicolone warranty.	
<u>13</u>	On-Road Vehicle and	Code of Federal regulation established in	Canada
	Engine Emission	accordance with Canada's federal law	Automobile
1	Regulations	Canadian Environmental Protection Act,	Motorcycle
	(SOR/2003-2)§18	stipulating the application of U.S. federal	(on-road)
	, ,,,,,,,	regulations, including emissions warranty for	1
		emission related regulatory requirements (*2).	
	ı		

1.4 Definition of Terms

The terms and definitions used in this chapter are as follows:

No.	Term	Definition	
1	Emissions warranty	To warrant the emission related parts stipulated in emission related regulations without charge, including diagnostic fee, when a problem is found, in accordance with the period and distance stipulated in the regulation.	
2	Emissions warranty parts	Parts subject for emissions warranty.	
3	Emission related parts (<u>United States</u> and Canada)	Parts installed to control emission, or component, system or design factor required to properly operate for continuous assurance of vehicle emission compliance.	
4	Specific major emission related parts	The following emission related parts stipulated in Attachment C in EPA Notification (Jul. 18, 1995 issue) as subject to emissions warranty of 8 year, or 80K mile: A) Catalytic converter B) Electronic emission control unit C) On board emission diagnosis device (hereinafter referred to as "OBD") D) Related parts required for repairing A), B), or C)	
5	High-cost parts	Emission related parts listed in the certification application §17.01.04 "Emission related Parts Costing More Than (Cost limit For High-Cost Warranty Parts)," which the total cost (part cost + labor cost) necessary for part replacement exceeds the amount specified in California Law, Title 13, CCR, Division 3, Chapter 1, Article 6	
6	OBD (on-board diagnosis) device	Device or part that has a function of diagnosing emission control system failure	
7	Warranty booklet	A booklet provided to the purchaser of the vehicle together with the owner's manual specifying all the warranties provided with the vehicle, based on U.S. Code of Regulations, such as 40 CFR 85 Subpart V.	
8	Emissions warranty statement	A statement, provided to the purchaser of the product together with the owner's manual for power products, etc., based on US Code of Federal Regulations, 40 CFR 1054 Subpart B.	

2 Selection of Emissions Warranty Parts for Automobiles Sold for Public Road Driving Under Honda and Acura Brand Names in the United States and Canada

2.1 Management System

- 2.1.1 Management system for emissions warranty parts selection is outlined in Attachment-1 "Management System of Emissions Warranty Parts Selections for Automobiles."
- 2.1.2 The person responsible for each operation listed under "Management System Emissions Warranty Parts Selections for Automobiles" is the head of the section in charge of the subject operation.
- 2.2 Reconfirmation of Legality, High-Cost Parts Selection, and Registration in Electronic Data Processing System
 - 2.2.1 AH-PRO reconfirms the legality of the model based parts list sent from the Certification & Regulation Compliance Division of Honda Motor Co., Ltd. in accordance to emissions warranty requirements in U.S. Federal Law and California Law and sends the list to the service section of AH.
 - If revision is required, Honda Motor Co., Ltd. requests to the service section via the Certification & Regulation Compliance Division Honda Motor Co., Ltd.
 - 2.2.3 The service section of AH fills in the parts cost and maintenance time of models sold in the U.S. market in the model based parts list and sends it to AH-PRO.
 - 2.2.2 AH-PRO selects high-cost parts based on the parts cost information from the service section of AH and fills in the warranty period in the model based parts list to complete the emissions warranty parts list.
 - 2.2.3 AH-PRO sends the emissions warranty parts list to the following sections:
 - (1) Warranty database control section of AH
 - (2) Publication issuing section of AH
 - (3) Certification & Regulation Compliance Division of Honda Motor Co., Ltd.
 - (4) Service section of Honda Motor Co., Ltd.
 - 2.2.4 The Warranty database control section of AH registers emissions warranty parts information of models sold in the U.S. market in the warranty data processing system and the database of the service section of AH based on the emissions warranty parts list.

2.3 Issuance of Warranty Booklet

- 2.3.1 The publication issuing section of AH prepares a draft of warranty booklet, reflecting the contents of emissions warranty parts list arranges printing in time for mass production, upon receiving confirmation from AH-PRO and completing the block copy.
- 2.3.2 The publication issuing section of AH Inc. sends the block copy of warranty booklet to the service technology section of Honda Motor Co., Ltd. and requests for printing arrangement in time for mass production.

Global Honda Quality Standard

G-HQS S 1003-02 25/35

2.3.3 The publication issuing section of CH completes the block copy of warranty booklet, based on the emissions warranty parts information of equivalent models in the database of the service section of AH Inc. and arranges printing in time for mass production. 3 Selection of Emissions Warranty Parts for Motorcycles and ATVs Sold in the United States and Canada

3.1 Management System

- 3.1.1 Management system for selecting emissions warranty parts is outlined in Attachment-2 "Management System of Emissions warranty parts Selections for Motorcycles and ATVs."
- 3.1.2 The person responsible for each operation listed under "Management System for Emissions warranty parts Selections for Motorcycles and ATVs" is the head of the section in charge of the subject operation.

3.2 Names of New Emissions Warranty Parts

The service sections of AH and CH send emissions warranty parts lists received from the service section of Honda Motor Co., Ltd. to respective publication issuing sections after verification.

3.3 Issuance of Warranty Booklet

- 3.3.1 The publication issuing section of AH prepares a draft of warranty booklet, reflecting the contents of emissions warranty parts list and arranges printing in time for mass production, upon receiving confirmation from AH-PRO and completing the block copy.
- 3.3.2 The publication issuing section of CH prepares a draft of warranty booklet, reflecting the contents of emissions warranty parts list and arranges printing in time for mass production, upon receiving confirmation from the Product Regulatory Division of CH and completing the block copy.

3.4 Use of Emissions Warranty Parts List

The service sections of AH and CH confirm the emissions warranty parts list sent from the service section of Honda Motor Co., Ltd. and uses as a reference for emissions warranty operations.

4 Selection of Emissions Warranty Parts for Power Products Sold in <u>the United States and</u> Canada

4.1 Management System

- 4.1.1 Management system for selecting emissions warranty parts is outlined in Attachment-3 "Management System of Emissions Warranty Parts Selections for Power Products."
- 4.1.2 The person responsible for each operation listed under "Management System for Emissions warranty parts Selections for Automobiles" is the head of the section in charge of the subject operation.

4.2 Use of Emissions Warranty Parts List

- 4.2.1 The service section of AH sends the emissions warranty parts list received from the service section of Honda Motor Co., Ltd. to the publication issuing section after verification.
- 4.2.2 The service section of CH confirms the emissions warranty parts list sent from the service section of Honda Motor Co., Ltd. and uses to monitor emissions warranty claims.

4.3 Preparation of Emissions Warranty Statement

The publication issuing department of AH prepares a draft of emissions warranty statement, reflecting the emissions warranty parts list, upon receiving confirmation from AH-PRO and sends it to the service technology section of Honda Motor Co., Ltd. in time for application of manufacturing facility after.

4.4 Registration in the Electronic Data Processing System

The service section of AH registers emissions warranty parts information in the warranty data processing system based on the emissions warranty parts list completed by the service section of Honda Motor Co., Ltd.

5 Selection of Emissions Warranty Parts for Outboard Engines Sold in the United States and <u>Canada</u>

5.1 Management System

- 5.1.1 Management system for selecting emissions warranty parts is outlined in Attachment-4 "Management System of Emissions Warranty Parts Selections for Outboard Engines."
- 5.1.2 The person responsible for each operation listed under "Management System for Emissions Warranty Parts Selections for Outboard Engines" is the head of the section in charge of the subject operation.

5.2 Delivery of Integrated Model based Parts List

AH-PRO sends the integrated model based parts list received from Certification and Regulation Compliance Division of Honda Motor Co., Ltd to the publication issuing section after verification.

5.3 Preparation of Emissions Warranty Statement

The publication issuing section of AH prepares an emissions warranty statement based on the integrated model based parts list received from AH-PRO, and sends it to the service technology section of Honda Motor Co., Ltd.

5.4 Registration in the Electronic Data Processing System

The service section of AH registers information of emissions warranty parts in the warranty data processing system based on the emissions warranty parts list completed by the service section of Honda Motor Co., Ltd.

6 Supplementary Provision

6.1 Application of Standard

Items regarding establishment, revision and use of this standard are outlined in G-HQS [Quality Management Standards Control Standard]

[South Korea Option]

1 General Provisions

1.1 Purpose

The purpose of this standard is to ensure maintain proper selection of emissions warranty parts and legality by defining basic requirements to accurately implement selection of emissions warranty parts, based on emission related regulations.

1.2 Scope

This standard applies to the operation performed by Honda Korea, Co., Ltd. regarding the selection of emissions warranty parts sold in South Korea.

1.3 Relevant Regulations

Relevant regulations specified in this standard are as follows:

No.	Relevant Regulation	<u>Overview</u>	Subject products
<u>1</u>	Enforcement	Enforcement regulation based on the Air	South Korea
	Regulation of Air	Environment Preservation Law of South	 Automobile
	Environment	Korean stipulating the general exhaust	 Motorcycle (on-road
	Preservation Law,	gas regulations for automobiles, etc.	with engine
	Chapter 4	(emission standards, emission related	displacement of 50cc
		parts, warranty period, etc.)	or more)

1.4 Terms

The terms and definitions used in this chapter are as follows:

No.	Term	Definition
1	Emissions warranty	To warrant the emission related parts stipulated in emission related regulations without charge, including diagnostic fee, when a problem is found, in accordance with the period and distance stipulated in the regulation.
2	Emissions warranty parts	Parts subject for emissions warranty.
3	Emission related parts (South Korea)	Parts specified as emission related parts in Enforcement Regulation of Air Environment Preservation Law.

2 Selection of Emissions Warranty Parts for Automobiles Public Road Under Honda and Acura Brand in South Korea

2.1 Management System

- 2.1.1 Management system for emissions warranty parts selection is outlined in Attachment-1 "Management System of Emissions Warranty Parts Selections for Automobiles."
- 2.1.2 The person responsible for each operation listed under "Management System for Emissions Warranty Parts Selections for Automobiles" is the head of in charge of the subject operation.

2.2 Registration in the Electronic Data Processing System

The service section of Honda Korea Co., Ltd. registers information of emissions warranty parts on models sold in the South Korean market in the warranty data processing, monitoring system based on the emissions warranty parts list sent from the service section of Honda Motor Co., Ltd.

2.3 Specifying Emissions Warranty Policy

Honda Korea Co., Ltd. specifies contents of emissions warranty in the "Warranty Policy and Maintenance Record," based on emissions warranty parts stipulated in Enforcement Regulation of Air Environment Preservation Law and the emissions warranty parts list received from the service section of Honda Motor Co., Ltd.

3 Selection of Emissions Warranty Parts for Motorcycle (On-Road Vehicle with Engine Displacement of 50cc or more) Sold in South Korea

3.1 Management System

- 3.1.1 Management system for selecting emissions warranty parts selection is outlined in Attachment-2 "Management System of Emissions Warranty Parts Selections Motorcycles and ATVs.
- 3.1.2 The person responsible for each operation listed under "Management System for Emissions Warranty Parts Selections for Motorcycles and ATVs" is the head of the section in charge of the subject operation.

3.2 Emissions Warranty Parts List

The service section of Honda Korea Co., Ltd. confirms the emissions warranty parts list received from the service section of Honda Motor Co., Ltd. and uses it to monitor emissions warranty claims.

4 Supplementary Provision

4.1 Application of Standard

Items regarding establishment, revision and use of this standard are outlined in G-HQS [Quality Management Standards Control Standard].

[Taiwan Option]

1 General Provisions

1.1 Purpose

The purpose of this standard is to ensure proper operation and legality of related sections by defining the basic requirements for accurately selecting emissions warranty parts based on emission related regulations.

1.2 Scope

This standard applies to the selection of emissions warranty parts in Taiwan.

1.3 Relevant Regulations

Relevant regulations specified in this standard are as follows:

No.	Relevant Regulation	<u>Overview</u>	Subject products
<u>1</u>	Cancellation and abolishment regulations of certificate of passing vehicle exhaust gas	An enforcement regulation specifying the procedures and requirements on issuance of gasoline vehicles, based on Clean Air Act of Taiwan Regulation.	Taiwan - Automobile
	inspection for gasoline and alternative clean fuel engine vehicles	The regulation also stipulates the specification of emission related parts in owner's manual.	

1.4 <u>Definition of Terms</u>

The terms and definitions used in this chapter are as follows:

No.	<u>Term</u>	<u>Definition</u>
1	Emissions warranty	To warrant the emission related parts stipulated in emission related regulations without charge, including diagnostic fee, when a problem is found, in accordance with the period and distance stipulated in the regulation.
<u>2</u>	Emissions warranty parts	Parts subject for emissions warranty.
<u>3</u>	Emission related parts (Taiwan)	Parts specified as emission related parts under cancellation and abolishment regulations of certificate of passing vehicle exhaust gas inspection for gasoline and alternative clean fuel engine vehicles

2 Selection of Emissions Warranty Parts for Automobiles Sold for Public Road Driving Under Honda and Acura Brand Names in Taiwan

2.1 Management System

- 2.1.1 Management system for emissions warranty parts selection is outlined in Attachment-1

 "Management System of Emissions Warranty Parts Selections for Automobiles."
- 2.1.2 The person responsible for each operation listed under "Management System Emissions Warranty Parts Selections for Automobiles" is the head of the section in charge of the subject operation.
- 2.2 Registration in the Electronic Data Processing System

The service section of Honda Taiwan Co., Ltd. registers information of emissions warranty parts in the warranty processing system, based on the emissions warranty parts list.

2.3 <u>Issuance of Warranty Booklet</u>

<u>Service section of Honda Taiwan Co., Ltd. reflects the emissions warranty parts list received from the service section of Honda Motor Co., Ltd. in the warranty booklet.</u>

3 Supplementary Provision

3.1 Application of Standard

Requirements regarding establishment, revision and use of this standard are outlined in G-HQS [Quality Management Standardization Control Standard].

[Sweden Option]

1 General Provisions

1.1 Purpose

The purpose of this standard is to ensure proper operation and legality of related sections by defining the basic requirements for accurately selecting emissions warranty parts based on emission related regulation.

1.2 Scope

This standard applies to the operations performed by Honda Nordic AB, regarding the selection of emissions warranty parts in Sweden.

1.3 Relevant Regulations

Relevant regulations specified in this standard are follows:

No.	Relevant Regulation	<u>Overview</u>	Subject products
1	Swedish exhaust gas regulations	Sweden law that stipulates procedures and requirements relating to emission gas and certification. Requirements relating to emissions warranty are specified.	Sweden • Automobile

1.4 <u>Definition of Terms</u>

The terms and definitions used in this chapter are as follows:

No.	<u>Term</u>	<u>Definition</u>		
1	Emissions warranty	To warrant the emission related parts stipulated in emission related regulations without charge, including diagnostic fee, when a problem is found, in accordance with the period and distance stipulated in the regulation.		
<u>2</u>	Emissions warranty parts	Parts subject for emissions warranty.		
3	Emission related parts (Sweden)	System, parts and specific skills in vehicles or engines that control or limits emissions		

2 Selection of Emissions Warranty Parts for Automobiles Sold for Public Road Driving Under Honda and Acura Brand Names in Sweden

2.1 Management System

- 2.1.1 <u>Management system for emissions warranty parts selection is outlined in Attachment-1</u>

 "Management System of Emissions Warranty Parts Selections for Automobiles."
- 2.1.2 The person responsible for each operation listed under "Management System Emissions

 Warranty Parts Selections for Automobiles" is the head of the section in charge of the subject operation.
- 2.2 Registration in the Electronic Data Processing System

The service section of Honda Nordic AB Ltd. registers information of emissions warranty parts in the warranty processing system, based on the emissions warranty parts list.

3 Supplementary Provision

3.1 Application of Standard

Requirements regarding establishment, revision and use of this standard are outlined in G-HQS [Quality Management Standardization Control Standard].

Establishment and Revision

Dates of Establishment, revision or enactment			Description	Prepared by Approved by
0	Estab. Enact.	06/14/2010 09/01/2010	First issue. This document becomes effective as of 01/09/2010.	T.Sonoda (Signed on original)
1	Rev Enact.	04/04/2011 07/01/2011	Revised due to the addition of provisions for selecting emissions warranty parts for motorcycles, ATVs, power products, and outboard engines.	T.Sonoda (Signed on original)
2	Rev Enact.	12/17/2012 01/01/2013	Revised upon adding the selection of emissions warranty related parts for automobiles in Taiwan and Sweden	T.Sonoda (Signed on original)