



FEDERATION INTERNATIONALE DU SPORT AUTOMOBILE

Homologation N°

N - 5399 N

FN-025

1989年 9月30日

FICHE COMPLEMENTAIRE D'HOMOLOGATION EN GROUPE «N»
COMPLEMENTARY HOMOLOGATION FORM FOR GROUP «N»

Homologation valable à partir du 01 JAN. 1990 prononcée par FISA
Homologation valid as from _____ decided by _____

En complément de la fiche de Gr. A n° 5399
In addition to the Gr. A from n° _____

IMPORTANT:

La présente fiche comporte toutes informations complémentaires à la fiche d'homologation de base de Gr. A pour la participation du véhicule en groupe «N». En cas d'information contradictoire, seule l'information figurant sur la présente fiche complémentaire est à prendre en considération pour le Groupe «N».

IMPORTANT:

This form includes all the additional information to the basic Group A homologation form for the participation of the vehicle in Group «N». In the case of contradictory information, only the information appearing on the present additional form is to be taken into consideration for Group «N».

1. DEFINITIONS

101. Constructeur Fuji Heavy Industries Ltd.
Manufacturer _____

102. Dénomination(s) commerciale(s) — Modèle et type SUBARU LEGACY SEDAN 2.0 4WD TURBO , BC
Commercial name(s) — Type and model _____

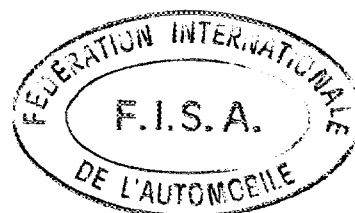
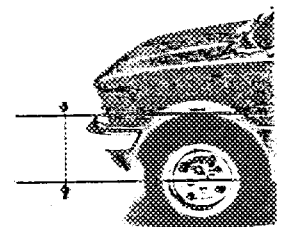
103. Cylindrée totale 1,994.4 X 1.7 = 3,390.5 cm³
Cylinder capacity _____

2. DIMENSIONS, POIDS / DIMENSIONS, WEIGHTS

201. Poids minimum 1,230 kg
Minimum weight _____

205. Hauteur minimum centre moyeu de roue /
ouverture du passage de roue
Minimum height center hub /
wheel arch opening

AV
Front 338 mm
AR
Rear 324 mm



Marque Fuji Modèle BC N° Homol. N-5399 **N**
 Make _____ Model _____

207. Voie maximum AV 1,495 mm AR 1,485 mm
 Maximum track Front: _____ mm Rear: _____ mm

208. Garde au sol minimum X X X X mm Endroit de la mesure X X X X
 Minimum ground clearance _____ mm Where measured _____

3. MOTEUR / ENGINE

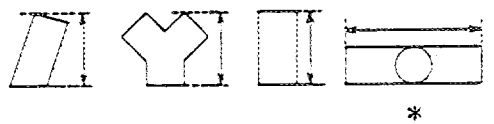
302. Nombre de supports 3
 Number of supports _____

308. Volume minimal total d'une chambre de combustion 64.08 cm³
 Total minimum volume of a combustion chamber _____

309. Volume minimum d'une chambre de combustion dans la culasse 53.80 cm³
 Minimum volume of a combustion chamber in the cylinderhead _____

310. Rapport volumétrique maximum (par rapport à l'unité) 8.8 : 1
 Maximum compression ratio (in relation with the unit) _____

311. Hauteur minimum du bloc-cylindres 401.0 mm
 Minimum height of the cylinder block _____



313. Chemises b) Matériau Cast-iron
 Sleeves Material _____

317. Piston a) Matériau Aluminum alloy
 Piston Material _____

b) Nombre de segments 3 c) Poids minimum 548 g
 Number of rings _____ Minimum weight _____

d) Distance de la médiane de l'axe au sommet du piston 33.5 ± 0.1 mm
 Distance from gudgeon pin center line to highest point of piston crown _____

e) Distance (+/-) entre le sommet du piston au PMH et le plan de joint du bloc-cylindre 0.5 ± 0.15 mm
 Distance (+/-) between the top of the piston at TDC and the gasket plane of the cylinderblock _____

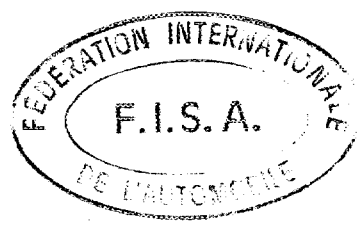
f) Volume de l'évidement du piston 5.18 ± 0.5 cm³
 Piston groove volume _____

319. Vilebrequin i) Diamètre maximum des manetons 52.0 mm
 Crankshaft Maximum diameter of big end journals _____

320. Volant moteur X X X X g
 Flywheel
 c) Poids minimum avec couronne de démarreur et embrayage complet
 Minimum weight of the flywheel with starter ring and complete clutch _____

321. Culasse: c) Hauteur minimum 127.0 mm
 Cylinderhead: Minimum height _____

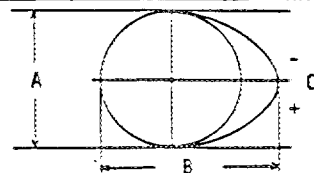
d) Endroit de la mesure From top to bottom of the cylinderhead
 Where measured _____



322. Epaisseur du joint de culasse serré 1.3 ± 0.2 mm
 Thickness of the tightened cylinderhead gasket _____ mm

325. Arbre à cames e) Diamètre des paliers F 32.0 , C 28.0 , R 28.0 mm
 Camshaft Diameter of bearings _____ mm

g) Dimensions de la came
 Cam dimensions
 Admission: A = 34.0 ± 0.1 mm
 Inlet: B = 39.5 ± 0.1 mm
 Echappement: A = 34.0 ± 0.1 mm
 Exhaust: B = 39.5 ± 0.1 mm



326. Distribution a) Jeu théorique pour la distribution Admission 0.15 mm Echappement 0.15 mm
 Timing Theoretical timing clearance Inlet _____ mm Exhaust _____ mm

b) Avance à l'ouverture (avec jeu théorique (326 a))
 Valves open at (with theoretical timing clearance (326 a))
 Admission 20 ± 1.0 ° avant/après PMH Echappement 60 ± 1.0 ° avant/après PMB
 Inlet _____ before/after TDC Exhaust _____ before/after BDC

c) Retard à la fermeture (avec jeu théorique (326 a))
 Valves closes at (with theoretical timing clearance (326 a))
 Admission 60 ± 1.0 ° ~~avant/après~~ après PMB Echappement 20 ± 1.0 ° ~~avant/après~~ après PMH
 Inlet _____ ~~before/after~~ after BDC Exhaust _____ ~~before/after~~ after TDC

d) Levée de came en mm (arbre démonté) (dessin/drawing art. 325)
 Cam lifts in mm (dismounted camshaft)

Admission / Inlet

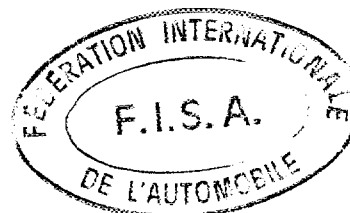
$o = 5.6 \pm 0.2 \text{ mm}$

- 5° = <u>5.5 ± 0.2</u> mm	+ 5° = <u>5.5 ± 0.2</u> mm
- 10° = <u>5.3 ± 0.2</u> mm	+ 10° = <u>5.3 ± 0.2</u> mm
- 15° = <u>5.0 ± 0.2</u> mm	+ 15° = <u>5.0 ± 0.2</u> mm
- 30° = <u>3.5 ± 0.2</u> mm	+ 30° = <u>3.3 ± 0.2</u> mm
- 45° = <u>1.2 ± 0.2</u> mm	+ 45° = <u>0.8 ± 0.2</u> mm
- 60° = <u>0.3 ± 0.2</u> mm	+ 60° = <u>0.3 ± 0.2</u> mm
- 75° = <u>0.1 ± 0.2</u> mm	+ 75° = <u>0.2 ± 0.2</u> mm
- 90° = <u>0</u> mm	+ 90° = <u>0</u> mm
- 105° = <u>0</u> mm	+ 105° = <u>0</u> mm
- 120° = <u>0</u> mm	+ 120° = <u>0</u> mm
- 135° = <u>0</u> mm	+ 135° = <u>0</u> mm
- 150° = <u>0</u> mm	+ 150° = <u>0</u> mm

Echappement / Exhaust

$o = 5.6 \pm 0.2 \text{ mm}$

- 5° = <u>5.5 ± 0.2</u> mm	+ 5° = <u>5.5 ± 0.2</u> mm
- 10° = <u>5.3 ± 0.2</u> mm	+ 10° = <u>5.3 ± 0.2</u> mm
- 15° = <u>5.0 ± 0.2</u> mm	+ 15° = <u>5.0 ± 0.2</u> mm
- 30° = <u>3.5 ± 0.2</u> mm	+ 30° = <u>3.3 ± 0.2</u> mm
- 45° = <u>1.2 ± 0.2</u> mm	+ 45° = <u>0.8 ± 0.2</u> mm
- 60° = <u>0.3 ± 0.2</u> mm	+ 60° = <u>0.3 ± 0.2</u> mm
- 75° = <u>0.1 ± 0.2</u> mm	+ 75° = <u>0.2 ± 0.2</u> mm
- 90° = <u>0</u> mm	+ 90° = <u>0</u> mm
- 105° = <u>0</u> mm	+ 105° = <u>0</u> mm
- 120° = <u>0</u> mm	+ 120° = <u>0</u> mm
- 135° = <u>0</u> mm	+ 135° = <u>0</u> mm
- 150° = <u>0</u> mm	+ 150° = <u>0</u> mm



Marque
Make

Fuji

Modèle
Model

BC

N° Homol.

N-5399

N

e) Levée de soupape en mm avec jeu théorique de distribution (art. 326 a)
Valve lift in mm with theoretical timing clearance (art. 326 a)

Admission / Inlet

Art. 326 b) =	20	avant/après PMH before/after TDC = 0,0 mm
	+ 20°	= <u>0.3 ± 0.2</u> mm
	+ 40°	= <u>0.8 ± 0.2</u> mm
	+ 60°	= <u>2.5 ± 0.2</u> mm
	+ 80°	= <u>5.0 ± 0.2</u> mm
	+ 100°	= <u>7.0 ± 0.2</u> mm
	+ 120°	= <u>8.5 ± 0.2</u> mm
	+ 140°	= <u>9.2 ± 0.2</u> mm
	+ 160°	= <u>9.2 ± 0.2</u> mm
	+ 180°	= <u>8.5 ± 0.2</u> mm
	+ 200°	= <u>7.0 ± 0.2</u> mm
	+ 220°	= <u>5.0 ± 0.2</u> mm
	+ 240°	= <u>2.6 ± 0.2</u> mm
	+ 260°	= <u>0.8 ± 0.2</u> mm
	+ 280°	= <u>0.4 ± 0.2</u> mm
	+ 300°	= <u>0.3 ± 0.2</u> mm
	+ 320°	= <u>0.1 ± 0.2</u> mm
	+ 340°	= <u>0 ± 0.2</u> mm
	+ 360°	= <u>0 ± 0.2</u> mm

Echappement / Exhaust

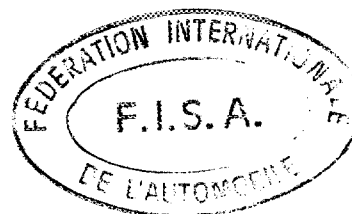
Art. 326 b) =	60	avant/après PMB before/after BDC = 0,0 mm
	+ 20°	= <u>0.3 ± 0.2</u> mm
	+ 40°	= <u>0.8 ± 0.2</u> mm
	+ 60°	= <u>2.5 ± 0.2</u> mm
	+ 80°	= <u>5.0 ± 0.2</u> mm
	+ 100°	= <u>7.0 ± 0.2</u> mm
	+ 120°	= <u>8.5 ± 0.2</u> mm
	+ 140°	= <u>9.2 ± 0.2</u> mm
	+ 160°	= <u>9.2 ± 0.2</u> mm
	+ 180°	= <u>8.5 ± 0.2</u> mm
	+ 200°	= <u>7.0 ± 0.2</u> mm
	+ 220°	= <u>5.0 ± 0.2</u> mm
	+ 240°	= <u>2.6 ± 0.2</u> mm
	+ 260°	= <u>0.8 ± 0.2</u> mm
	+ 280°	= <u>0.4 ± 0.2</u> mm
	+ 300°	= <u>0.3 ± 0.2</u> mm
	+ 320°	= <u>0.1 ± 0.2</u> mm
	+ 340°	= <u>0 ± 0.2</u> mm
	+ 360°	= <u>0 ± 0.2</u> mm

327. Admission h) Nombre de ressorts par soupape

Inlet	Number of springs per valve	<u>2</u>	
(in)	i) Caractéristiques des ressorts: Sous une charge de	8.4 kg,	la longueur max. du ressort est de <u>31.5</u> mm
	Spring characteristics: Under a load of	8.4 kg,	the max. length of the spring is <u>31.5</u> mm
(out)	Caractéristiques des ressorts: Sous une charge de	15.4 kg,	la longueur max. du ressort est de <u>33.5</u> mm
	Spring characteristics: Under a load of	15.4 kg,	the max. length of the spring is <u>33.5</u> mm
	k) Diamètre extérieur des ressorts <u>21.5/29.5 ± 0.2</u> mm	l) Nombre de spires des ressorts <u>8.3/6.5</u>	(in/out) mm
	Exterior diameter of the springs	Number of spring coils	
	m) Diamètre du fil des ressorts <u>2.5/3.5 ± 0.1</u> mm	n) Longueur libre maximum des ressorts <u>40.7/41.6</u>	(in/out) mm
	Diameter of spring wire	Maximum free length of the springs	

328. Echappement

Exhaust			
c) Diamètre de(s) sortie(s) du collecteur	<u>46.5 ± 1.0</u> mm	i) Nombre de ressorts par soupape	<u>2</u>
Diameter of the manifold exit(s)		Number of springs per valve	
k) Caractéristiques des ressorts: Sous une charge de	<u>8.4/15.4</u> kg,	la longueur max. du ressort est de	<u>31.5/33.5</u> mm
Spring characteristics: Under a load of		kg, the max. length of the spring is	
l) Diamètre extérieur des ressorts <u>21.5/29.5 ± 0.2</u> mm		m) Nombre de spires des ressorts <u>8.3/6.5</u>	(in/out)
Exterior diameter of the springs		Number of spring coils	
n) Diamètre du fil des ressorts <u>2.5/3.5 ± 0.1</u> mm		o) Longueur libre maximum des ressorts <u>40.7/41.6</u>	(in/out) mm
Diameter of spring wire		Maximum free length of the springs	



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329. **Système anti-pollution** a) oui/~~XXX~~
Anti pollution system Yes/~~XXX~~
 b) Description
 Description _____
3 way catalitic converter with O₂ feedback

330. **Système d'allumage** d) Nombre de bobines
Ignition system Number of coils 4

331. **Capacité du circuit de refroidissement**
Cooling system capacity 7.3 L

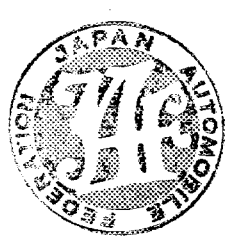
332. **Ventilateur de refroidissement** a) Nombre 1 b) Diamètre de l'hélice 350 mm
Cooling fan Number _____ Diameter of the screw _____ mm
 c) Matériau de l'hélice Polypropylene d) Nombre de pales 5
 Material of the screw _____ Number of blades _____
 e) Type de connection Electrical f) Ventilateur débrayable oui/~~XXX~~
 Type of connection _____ Automatic cut in yes/~~XX~~

333. **Système de lubrification** c) Capacité totale 5.3 L
Lubrification system Total capacity _____ L
 d) Radiateur(s) d'huile oui/~~XXX~~ Nombre _____
 Oil radiator(s) yes/~~XX~~ Number 1
 e) Emplacement du/des radiateurs Between the cylinder block and the oil filter
 Position of the radiator(s) _____

4. CIRCUIT DE CARBURANT / FUEL CIRCUIT

401. **Réservoir** e) Emplacement des orifices Rearward on the righthand
Fuel tank Filler holes location _____

402. **Pompe(s) à essence** a) Electrique Mécanique
Fuel pump(s) Electrical Mechanical
 b) Nombre 1 c) Marque et type Make: NIHONDENSHIKIKI
 Number _____ Make and type Type: Electrical
 d) Emplacement In the fuel tank e) Débit maximum _____
 Location _____ Maximum flow 3.17 l/mn



5. EQUIPEMENT ELECTRIQUE / ELECTRICAL EQUIPEMENT

501. Batterie(s) / Battery(ies) b) Tension / Tension 12 V c) Emplacement / Location In the engine compartment

502. Génératrice(s) / Generator(s) a) Nombre / Number 1
 b) Type / Type Alternator c) Système d'entraînement / Drive system Belt

503. Phares escamotables: / Retractable headlights: a) ~~X~~/non / ~~X~~/no b) Système de commande / Drive system X X X X

6. TRANSMISSION / DRIVE

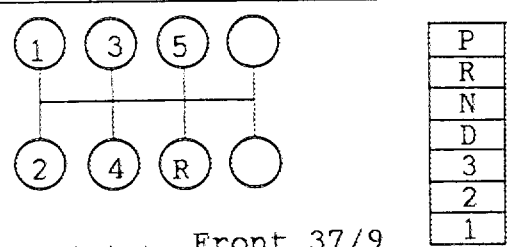
602. Embrayage / Clutch a) Type / Type Dry d) Diamètre du(des) disque(s) / Diameter of the plate(s) 225 ± 2.0 mm

603. Boîte de vitesse / Gearbox

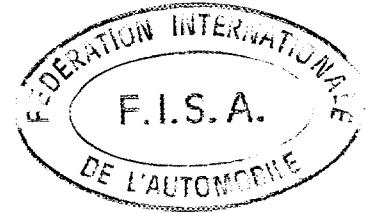
e) rapports / ratios

	Manuelle / Manual			Automatique / Automatic		
	rappports ratio	nombre de dents / number of teeth	synchro.	rappports ratio	nombre de dents / number of teeth	synchro.
1	3.545	39/11	X	2.785	$1 + \frac{75}{42}$	
2	2.111	38/18	X	1.545	$\frac{75/33 + 75/42 + 1}{75/33 + 1}$	
3	1.448	42/29	X	1.000	—	
4	1.088	37/34	X	0.694	$\frac{75/33}{75/33 + 1}$	
5	0.825	33/40	X	—	—	
AR/R	3.416	41/12		2.272	75/33	
Constante	—	—		1.000	47/47	
Constante						

f) Grille de vitesse / Gear change gate



605. Couple final / Final drive b) Rapport / Ratio Front 4.111 / Rear 4.111 (Manual) c) Nombre de dents / Number of teeth Front 37/9 / Rear 37/9 (Manual)



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 Make _____

Modèle BC
 Model _____

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7. SUSPENSION / SUSPENSION

702. Ressorts hélicoïdaux

Helical springs

- a) Matériau
Material
- b) Type progressif
Progressive type
- c) Longueur libre minimale
Minimal free length
- d) Nombre de spires
Number of coils
- e) Diamètre du fil
Diameter of the wire
- f) Diamètre extérieur
Exterior diameter

AV / Front	AR / Rear
Steel	Steel
XXXXX	XXXXX
XXXXX	XXXXX
X X X X _____ mm	X X X X _____ mm
X X X X _____ mm	X X X X _____ mm
X X X X _____ mm	X X X X _____ mm
X X X X _____ mm	X X X X _____ mm

- g) Caractéristiques des ressorts: Sous une charge de XXX kg, la longueur min. du ressort AV est de XXX mm
 Spring characteristics: Under a load of XXX kg, the min. length of the front spring is XXX mm
- Sous une charge de XXX kg, la longueur min. du ressort AR est de XXX mm
 Under a load of XXX kg, the min. length of the rear spring is XXX mm

703. Ressorts à lames
Leaf springs

A = Lame maîtresse / X = lame auxiliaire
 2 = 2e lame / 3 = 3e lame / 4 = 4e lame / 5 = 5e lame

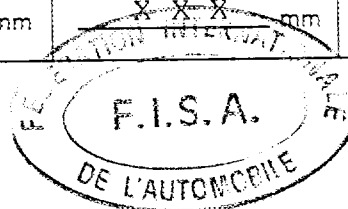
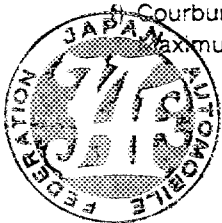
A = major leaf / X = auxiliary leaf
 2 = 2nd leaf / 3 = 3rd leaf / 4 = 4th leaf / 5 = 5th leaf

- a) Matériau
Material
- b) Nombre d'étriers
Number of spring hangers
- c) Longueur libre minimum
Minimum free length
- d) Largeur maximum
Maximum width
- e) Epaisseur
Thickness
- f) Courbure verticale maximale
Maximum vertical curve

A	2	3
X X X _____	X X X _____	X X X _____
X X X _____	X X X _____	X X X _____
X X X _____ mm	X X X _____ mm	X X X _____ mm
X X X _____ mm	X X X _____ mm	X X X _____ mm
X X X _____ mm	X X X _____ mm	X X X _____ mm
X X X _____ mm	X X X _____ mm	X X X _____ mm

- a) Matériau
Material
- b) Nombre d'étriers
Number of spring hangers
- c) Longueur libre minimum
Minimum free length
- d) Largeur maximum
Maximum width
- e) Epaisseur
Thickness
- f) Courbure verticale maximale
Maximum vertical curve

4	5	X
X X X _____	X X X _____	X X X _____
X X X _____	X X X _____	X X X _____
X X X _____ mm	X X X _____ mm	X X X _____ mm
X X X _____ mm	X X X _____ mm	X X X _____ mm
X X X _____ mm	X X X _____ mm	X X X _____ mm
X X X _____ mm	X X X _____ mm	X X X _____ mm



Marque fuji
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704. Barre de torsion
Torsion bar

AV / Front	AR / Rear
<u>X X X</u> mm	<u>X X X</u> mm
<u>X X X</u>	<u>X X X</u>
<u>X X X</u>	<u>X X X</u>
<u>X X X</u> mm	<u>X X X</u> mm
<u>X X X</u>	<u>X X X</u>
<u>X X X</u>	<u>X X X</u>

- a) Longueur efficace
 Effective length
 mesurée de:
 measured from:
 à:
 to:
- b) Diamètre efficace
 Effective diameter
 mesuré à:
 measured at:
- c) Matériau
 Material

706. Stabilisateur
Stabilizer

AV / Front	AR / Rear
<u>1,064.2 ± 1%</u> mm	<u>1,137.0 ± 1%</u> mm
<u>17.0</u> mm	<u>19.0</u> mm
<u>Steel</u>	<u>Steel</u>
<u>X X X X</u> mm	<u>X X X X</u> mm
no /non <u>yes</u> /no	no /non <u>yes</u> /no
<u>X X X X</u> mm	<u>X X X X</u> mm
<u>X X X X</u> mm	<u>X X X X</u> mm

- a) Longueur efficace
 Effective length
- b) Diamètre efficace
 Effective diameter
- c) Matériau
 Material

707. Amortisseurs
Shock absorbers

- d) Diamètre extérieur
 Exterior diameter
- e) Assiette du ressort réglable
 Adjustable spring trim
- f) Distance assiette-fixation
 Distance trim-monitoring
- g) Diamètre de la tige de piston
 Diameter of the piston rod



Marque Fuji
 Make _____

Modèle BC
 Model _____

N° Homol. _____ **N-5399** **N**

8. TRAIN ROULANT / RUNNING GEAR

**801. Roues
 Wheels**

- a) Diamètre
 Diameter
- b) Largeur
 Width
- c) Marque et type
 Make and type
- d) Matériau
 Material
- e) Poids unitaire
 Unitary weight
- f) Dépot entre plan de montage
 et extrémité intérieure
 Offset between mounting
 and extreme inner face

AV / Front	AR / Rear	Secours / Spare
15 ..	15 ..	15 ..
<u>381</u> mm	<u>381</u> mm	<u>381</u> mm
6 ..	6 ..	6 ..
<u>152</u> mm	<u>152</u> mm	<u>152</u> mm
X X X X	X X X X	X X X X
X X X X	X X X X	X X X X
X X X X kg	X X X X kg	X X X X kg
X X X X mm	X X X X mm	X X X X mm

**802. Emplacement de la roue de secours
 Location of the spare wheel**

Behind the rear seat

9. CARROSSERIE / BODYWORK

**901. Intérieur
 Interior**

c) Climatisation ~~oui~~/non
 Air conditioning ~~yes~~/no

- d) Sièges
 Seats
- d1) Type
 Type
- d2) Appuie-tête
 Headrest
- d3) Poids
 Weight

AR / Rear	AV / Front
<u>Bench</u>	<u>Separate</u>
oui /non yes /no	oui/ non yes/ no
<u>10.2 ±1.0</u> kg	<u>13.5 ±1.0</u> kg

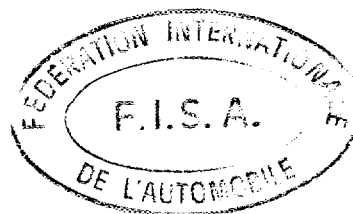
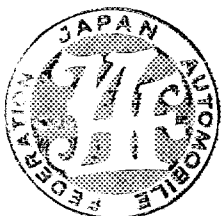
d4) Siège AR rabattable ~~oui~~/non
 Car rear seat be folded ~~yes~~/no

e) Plaque arrière oui/~~non~~
 Rear ledge yes/~~no~~

e1) Matériau Cloth
 Material _____

**902. Extérieur
 Exterior**

n) Essuie-glace AR ~~oui~~/non
 Rear wiper ~~yes~~/no



Marque
Make

Fuji

Modèle
Model

BC

N° Homol.

N-5399 N

PHOTOS / PHOTOS

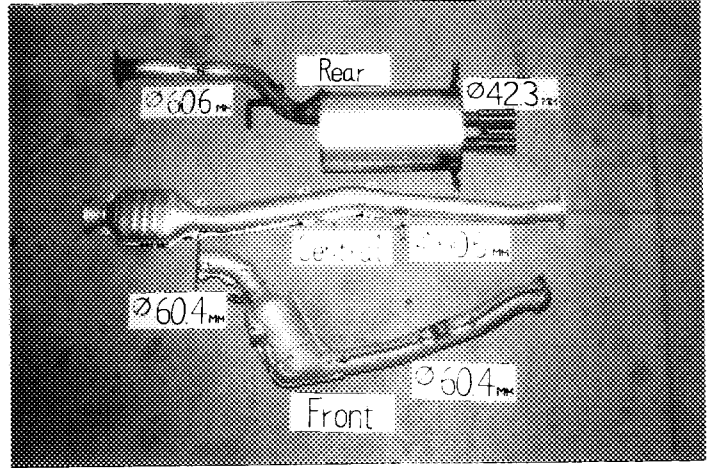
Moteur / Engine

AA) Piston de profil
Piston profile



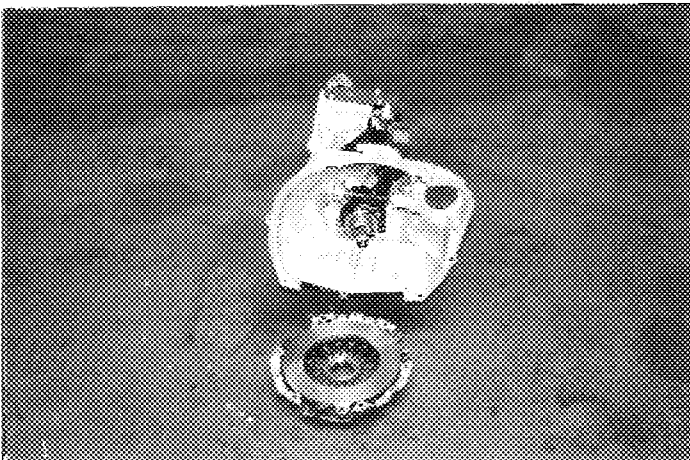
BB) Echappement complet
Complete exhaust system

Tolerance : ±5%



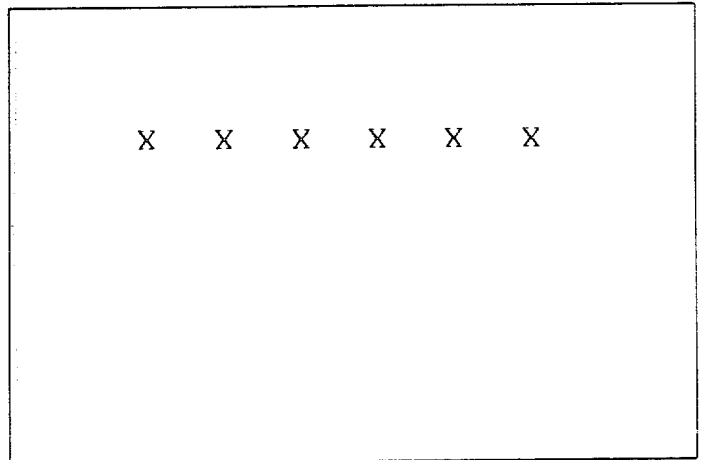
Transmission / Transmission

CC) Embrayage complet
Complete clutch

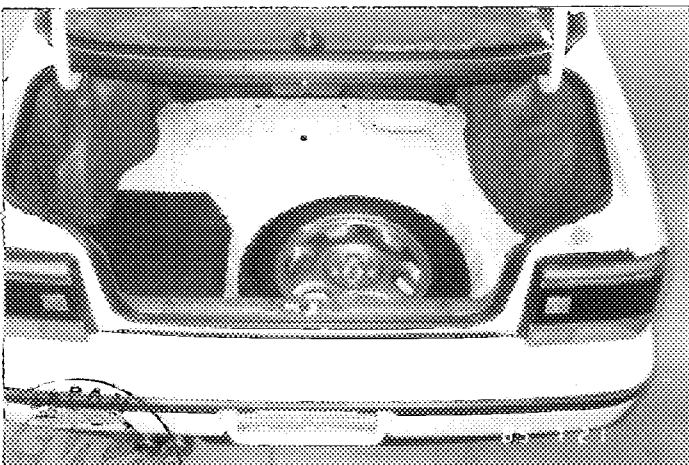


Train roulant / Running gear

DD) Roue nue (vue de 3/4)
Bare wheel (3/4 view)

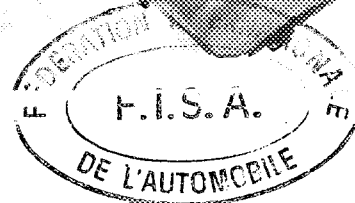
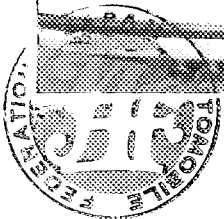


EE) Roue de secours dans son emplacement
Spare wheel in its location



Carrosserie / Bodywork

FF) Siège démonté avec ses accessoires
Dismounted seat with its accessories



Make
会社名 Fuji

Model
型式 BC

N-5399
No Homol. _____

FN-025

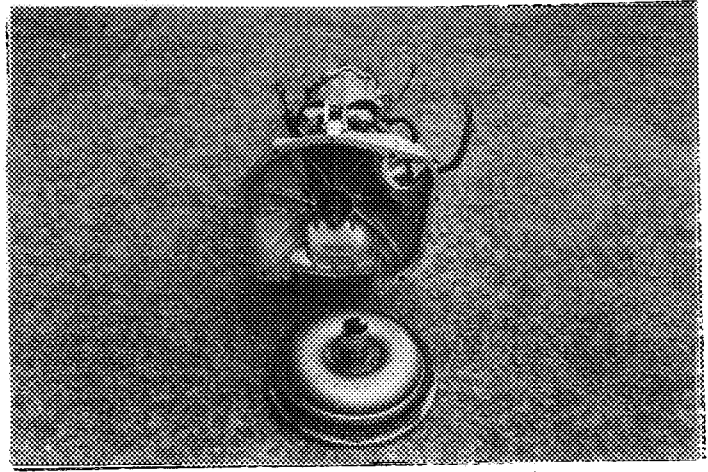
JAF公認番号 _____

COMPLEMENTARY INFORMATION

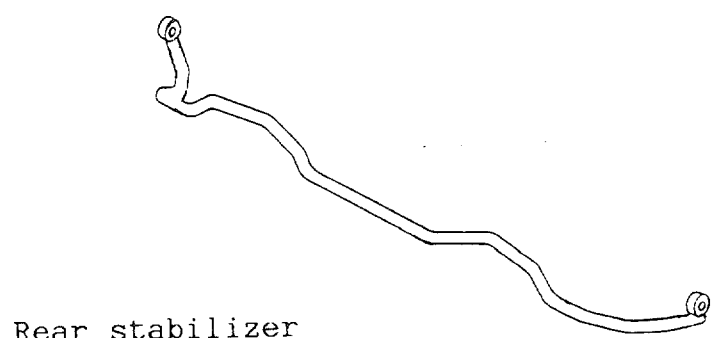
- (1) 605 Final drive of automatic gear-box
Ratio : 4.444
Number of teeth : 40/9

- (2) Standard pressure of supercharging : 0.55 ±0.08 bar
Measuring pressure system : Pressure
Corresponding to an axial displacement of the westgate control rod of : 4.5 ±0.5 mm

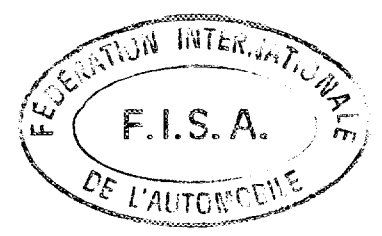
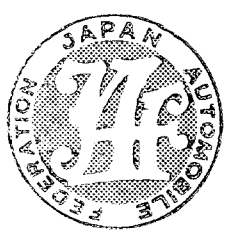
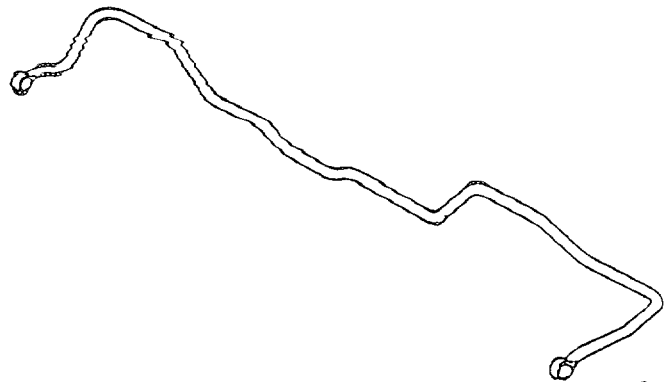
- (3) Photo CC) Complete clutch of automatic gear-box

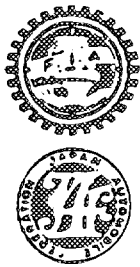


- (4) 706 Drawing of the stabilizer
Front stabilizer



Rear stabilizer





FEDERATION INTERNATIONALE
DU SPORT AUTOMOBILE
JAPAN AUTOMOBILE FEDERATION
社団法人 日本自動車連盟

FISA Homologation No

N-5399

Extension No

01/0100

JAF公認番号 FN-025 VO- 1/1

発効年月日 1989年 12月 31日

FORM OF EXTENSION TO THE OFFICIAL FISA HOMOLOGATION
FISA公認追加書式

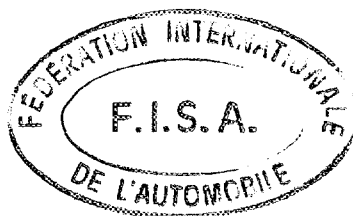
- ES Sporting evolution of the type / スポーツ進化
- ET Normal evolution of the type / 形式の正常進化
- VF Supply variant / 供給変型
- VO Option variant / オプション変型
- ER Erratum / 誤記訂正

Homologation valid as from 01 JAN. 1990 in group N
公認発行日 FISAグループ

Manufacturer Fuji Heavy Industries Ltd. Model and type SUBARU LEGACY SEDAN
製造者 型式と形式 2.0 4WD TURBO BC

Page or ext. ページまたは補足	Art. 項目	Description 記述
1	Photo A) Photo B)	Rear-spoiler (wing) Photo A : Rear view with rear-spoiler (wing) Photo B : Dismounted rear-spoiler Parts No. : 96053AA010 Material : Urethane
1	Photo A) Photo B)	Rear-under-spoiler Photo C : Rear view with rear-under-spoiler Photo D : Dismounted rear-under-spoiler Parts No. : Rh 57796AA000 Lh 57796AA010 Material : Polypropylene
1	Photo A) Photo B)	Side-spoiler Photo E : Side view with side-spoiler Photo F : Dismounted side-spoiler Parts No. : Rh 96052AA010 Lh 96052AA020 Material : Urethane

All parts must be fitted together.



Make
会社名

Fuji

Model
型式

BC

No Homol.

N-5300

No Ext.

01/01/88

JAF公認番号

FN-025 VO- 1/1

PHOTOS/写真

Photo A) Rear view with rear-spoiler (wing)

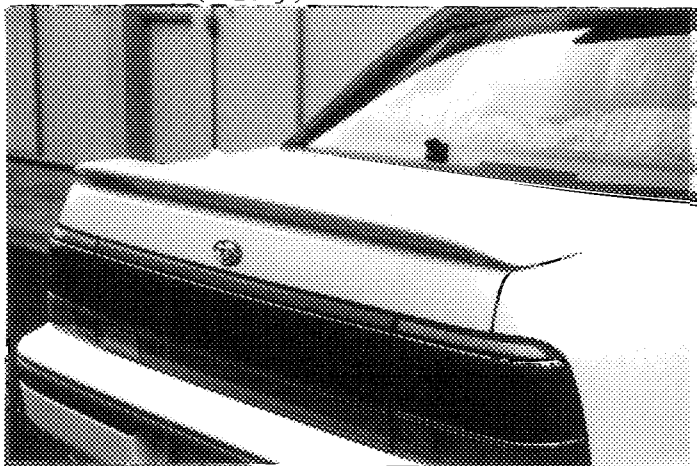


Photo B) Dismounted rear-spoiler

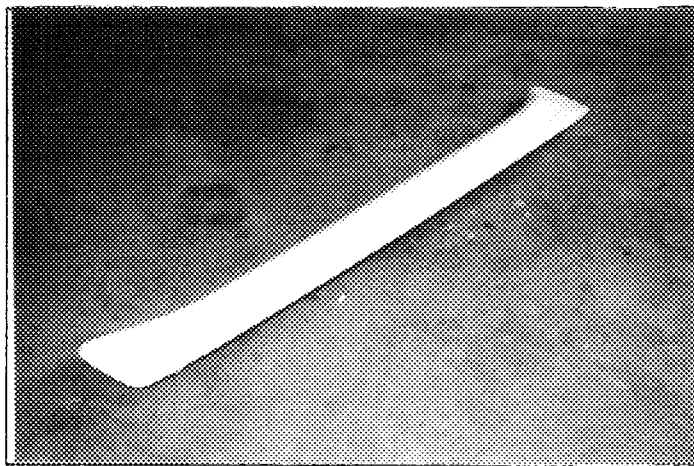


Photo C) Rear view with rear-under-spoiler

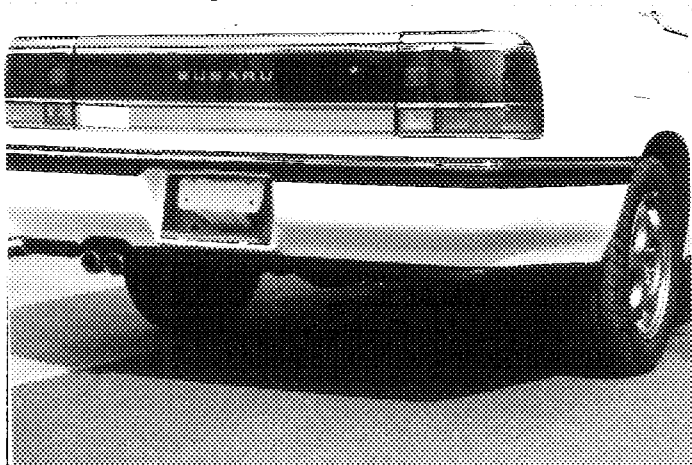


Photo D) Dismounted rear-under-spoiler

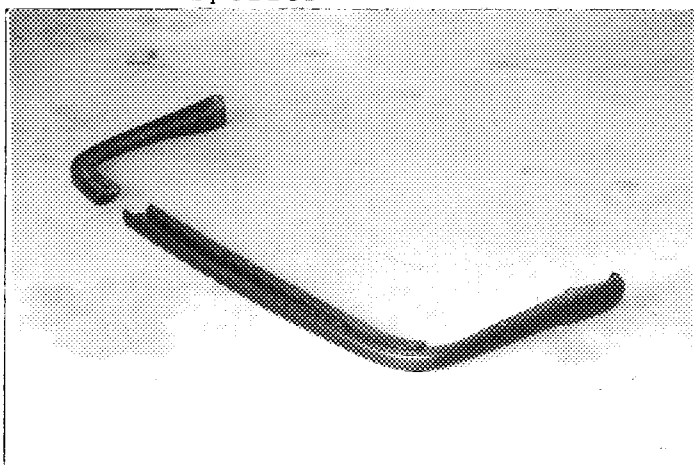


Photo E) Side view with side-spoiler

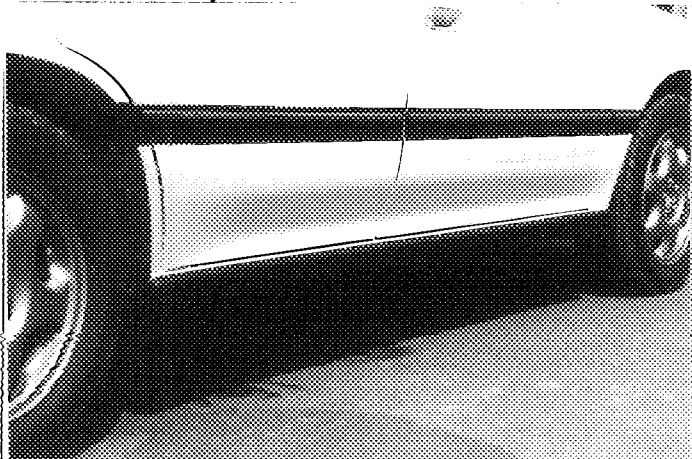
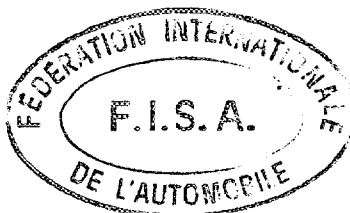
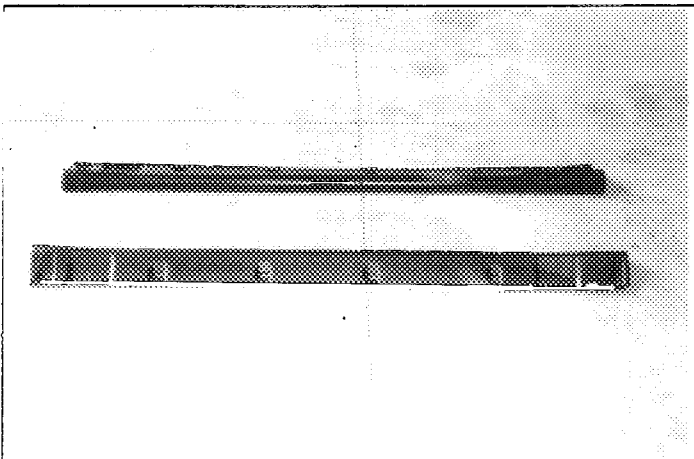


Photo F) Dismounted side-spoiler





FEDERATION INTERNATIONALE
DU SPORT AUTOMOBILE
JAPAN AUTOMOBILE FEDERATION
社団法人 日本自動車連盟

FISA Homologation No

N-5399

Extension No

02/01VF

JAF公認番号 FN-025VF- 2/1

発効年月日 1990年 7月31日

FORM OF EXTENSION TO THE OFFICIAL FISA HOMOLOGATION

FISA公認追加書式

ES Sporting evolution of the type / スポーツ進化

ET Normal evolution of the type / 形式の正常進化

VF Supply variant / 供給変型

VO Option variant / オプション変型

Ref. A-5399 (12/01 VF)

ER Erratum / 誤記訂正

Homologation valid as from
公認発行日

01 NOV. 1990

in group

FISAグループ

N

Manufacturer
製造者 Fuji Heavy Industries Ltd.

Model and type
型式と形式

SUBARU LEGACY SEDAN
2.0 4WD TURBO , BC

Page or ext. ページまたは添付	Art. 項目	Description 記述
3	325	Camshaft g) Inlet : B=38.9±0.1 Exhaust : B=38.9±0.1
3	326	Timing b) Inlet : 2±1.0° Exhaust : 51±1.0° c) Inlet : 48±1.0° Exhaust : 5±1.0° d) Cam lifts in mm

Admission / Inlet

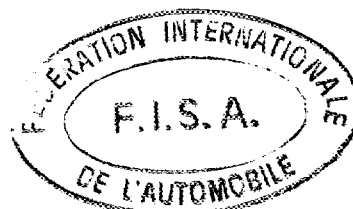
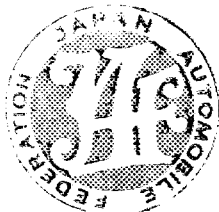
$0 = 4.9 \pm 0.2 \text{ mm}$

- 5° = 4.8±0.2mm	+ 5° = 4.8±0.2mm
- 10° = 4.6±0.2mm	+ 10° = 4.6±0.2mm
- 15° = 4.2±0.2mm	+ 15° = 4.1±0.2mm
- 30° = 2.3±0.2mm	+ 30° = 1.9±0.2mm
- 45° = 0.3±0.2mm	+ 45° = 0.3±0.2mm
- 60° = 0±0.2mm	+ 60° = 0.1±0.2mm
- 75° = 0±0.2mm	+ 75° = 0±0.2mm
- 90° = 0±0.2mm	+ 90° = 0±0.2mm
- 105° = 0±0.2mm	+ 105° = 0±0.2mm
- 120° = 0±0.2mm	+ 120° = 0±0.2mm
- 135° = 0±0.2mm	+ 135° = 0±0.2mm
- 150° = 0±0.2mm	+ 150° = 0±0.2mm

Echappement / Exhaust

$0 = 4.9 \pm 0.2 \text{ mm}$

- 5° = 4.8±0.2mm	+ 5° = 4.8±0.2mm
- 10° = 4.6±0.2mm	+ 10° = 4.6±0.2mm
- 15° = 4.3±0.2mm	+ 15° = 4.2±0.2mm
- 30° = 2.4±0.2mm	+ 30° = 2.1±0.2mm
- 45° = 0.4±0.2mm	+ 45° = 0.3±0.2mm
- 60° = 0±0.2mm	+ 60° = 0.1±0.2mm
- 75° = 0±0.2mm	+ 75° = 0±0.2mm
- 90° = 0±0.2mm	+ 90° = 0±0.2mm
- 105° = 0±0.2mm	+ 105° = 0±0.2mm
- 120° = 0±0.2mm	+ 120° = 0±0.2mm
- 135° = 0±0.2mm	+ 135° = 0±0.2mm
- 150° = 0±0.2mm	+ 150° = 0±0.2mm



[Handwritten signature]

02 / 01 VF

e) Levée de soupape en mm avec jeu théorique de distribution (art. 326 a)
 Valve lift in mm with theoretical timing clearance (art. 326 a)

Admission / Inlet

Echappement / Exhaust

Art. 326 b) = 2 avant/avant ~~PMH~~ ~~PMH~~ TDC = 0,0 mm
 before/before ~~PMH~~ ~~PMH~~

+ 20°	= <u>0.6 ± 0.2</u> mm
+ 40°	= <u>2.5 ± 0.2</u> mm
+ 60°	= <u>4.9 ± 0.2</u> mm
+ 80°	= <u>6.7 ± 0.2</u> mm
+ 100°	= <u>7.8 ± 0.2</u> mm
+ 120°	= <u>8.0 ± 0.2</u> mm
+ 140°	= <u>7.4 ± 0.2</u> mm
+ 160°	= <u>5.9 ± 0.2</u> mm
+ 180°	= <u>3.8 ± 0.2</u> mm
+ 200°	= <u>1.4 ± 0.2</u> mm
+ 220°	= <u>0.3 ± 0.2</u> mm
+ 240°	= <u>0.2 ± 0.2</u> mm
+ 260°	= <u>0.1 ± 0.2</u> mm
+ 280°	= <u>0 ± 0.2</u> mm
+ 300°	= <u>0 ± 0.2</u> mm
+ 320°	= <u>0 ± 0.2</u> mm
+ 340°	= <u>0 ± 0.2</u> mm
+ 360°	= <u>0 ± 0.2</u> mm

Art. 326 b) = 46 avant/avant ~~PMB~~ ~~PMB~~ BDC = 0,0 mm
 before/before ~~PMB~~ ~~PMB~~

+ 20°	= <u>0.6 ± 0.2</u> mm
+ 40°	= <u>2.5 ± 0.2</u> mm
+ 60°	= <u>4.9 ± 0.2</u> mm
+ 80°	= <u>6.7 ± 0.2</u> mm
+ 100°	= <u>7.8 ± 0.2</u> mm
+ 120°	= <u>8.1 ± 0.2</u> mm
+ 140°	= <u>7.6 ± 0.2</u> mm
+ 160°	= <u>6.2 ± 0.2</u> mm
+ 180°	= <u>4.2 ± 0.2</u> mm
+ 200°	= <u>1.9 ± 0.2</u> mm
+ 220°	= <u>0.4 ± 0.2</u> mm
+ 240°	= <u>0.2 ± 0.2</u> mm
+ 260°	= <u>0 ± 0.2</u> mm
+ 280°	= <u>0 ± 0.2</u> mm
+ 300°	= <u>0 ± 0.2</u> mm
+ 320°	= <u>0 ± 0.2</u> mm
+ 340°	= <u>0 ± 0.2</u> mm
+ 360°	= <u>0 ± 0.2</u> mm

327. Admission h) Nombre de ressorts par soupape

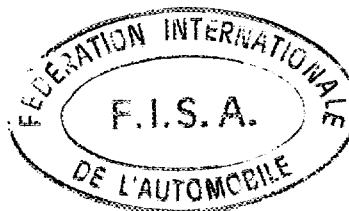
Inlet Number of springs per valve 1

i) Caractéristiques des ressorts: Sous une charge de	kg, la longueur max. du ressort est de	mm
(in) Spring characteristics: Under a load of <u>8.4</u>	kg, the max. length of the spring is	<u>31.5</u> mm
Caractéristiques des ressorts: Sous une charge de	kg, la longueur max. du ressort est de	mm
(out) Spring characteristics: Under a load of <u>21.0</u>	kg, the max. length of the spring is	<u>35.0</u> mm
k) Diamètre extérieur des ressorts	l) Nombre de spires des ressorts	
Exterior diameter of the springs <u>28.5 ± 0.2</u> mm	Number of spring coils <u>7.1</u>	
m) Diamètre du fil des ressorts	n) Longueur libre maximum des ressorts	
Diameter of spring wire <u>4.3 ± 0.1</u> mm	Maximum free length of the springs <u>41.7</u> mm	

328. Echappement

Exhaust

i) Nombre de ressorts par soupape	Number of springs per valve <u>1</u>	
k) Caractéristiques des ressorts: Sous une charge de	kg, la longueur max. du ressort est de	mm
Spring characteristics: Under a load of <u>21.0</u>	kg, the max. length of the spring is	<u>35.0</u> mm
l) Diamètre extérieur des ressorts	m) Nombre de spires des ressorts	
Exterior diameter of the springs <u>28.5 ± 0.2</u> mm	Number of spring coils <u>7.1</u>	
n) Diamètre du fil des ressorts	o) Longueur libre maximum des ressorts	
Diameter of spring wire <u>4.3 ± 0.1</u> mm	Maximum free length of the springs <u>41.7</u> mm	



Make
会社名

Fuji

Model
型式

BC

No Homol.

N-5399

No Ext.

02 / 01 VF

JAF公認番号

FN-000 VF 2/1

Page or ext.
ページまたは補足

6

Art.
項目

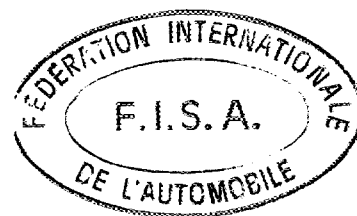
603

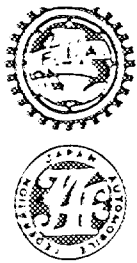
e)

Gear-box
Ratios

Description
記述

	Manuelle / Manual		
	rapports ratio	nombre de dents/ number of teeth	synchro.
1	3.454	38/11	X
2	2.333	35/15	X
3	1.750	35/20	X
4	1.354	42/31	X
5	0.871	34/39	X
AR/R	3.416	41/12	
Const- tante Const- tant.			





FEDERATION INTERNATIONALE
DU SPORT AUTOMOBILE
JAPAN AUTOMOBILE FEDERATION
社団法人 日本自動車連盟

FISA Homologation No

N-5399

Extension No

03/02V0

JAF公認番号 FN-025V0-3/2
発効年月日 1991年 6月30日

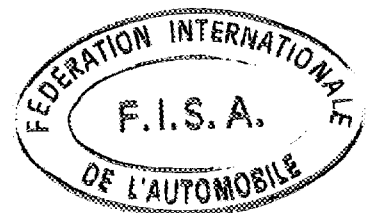
FORM OF EXTENSION TO THE OFFICIAL FISA HOMOLOGATION
FISA公認追加書式

- ES Sporting evolution of the type / スポーツ進化
- ET Normal evolution of the type / 形式の正常進化
- VF Supply variant / 供給変型
- VO Option variant / オプション変型
- ER Erratum / 誤記訂正

Homologation valid as from 01 OCT. 1991 in group N
公認発行日 FISAグループ

Manufacturer Fuji Heavy Industries Ltd. Model and type SUBARU LEGACY SEDAN
製造者 型式と形式 2.0 4WD TURBO BC

Page or ext. ページまたは補足	Art. 項目	Description 記述
9	804)	Steering
	a)	Type : Rack & Pinion
	b)	Ratio : 16.5 ^{+0.2} : 1 -0.1
	c)	Power assisted : YES





FEDERATION INTERNATIONALE
DU SPORT AUTOMOBILE

FISA Homologation No.

N-5399



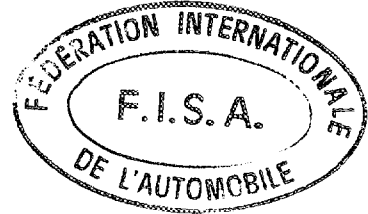
JAPAN AUTOMOBILE FEDERATION
社団法人 日本自動車連盟

Extension No.

04/03 VO

JAF公認番号 FN-025 VO- 4/3
発行年月日 1991年 11月30日

FORM OF EXTENSION TO THE OFFICIAL FISA HOMOLOGATION
F I S A 公認追加書式



- ES Sporting evolution of the type / スポーツ進化
- ET Normal evolution of the type / 形式の正常進化
- VF Supply variant / 供給変型
- VO Option variant / オプション変型
- ER Erratum / 誤記訂正

Ref. Groupe A 19/15 VO

Homologation valid as from 01 FEV. 1992
公認発行日

in group F I S A グループ N

Manufacturer 製造者 Fuji Heavy Industries Ltd.

Model and type SUBARU LEGACY SEDAN
型式と形式 2.0 4WD TURBO BC

Page or ext. ページ又は補足	Art. 項目	Description 記述
1	Photo A	Old type ---> New type

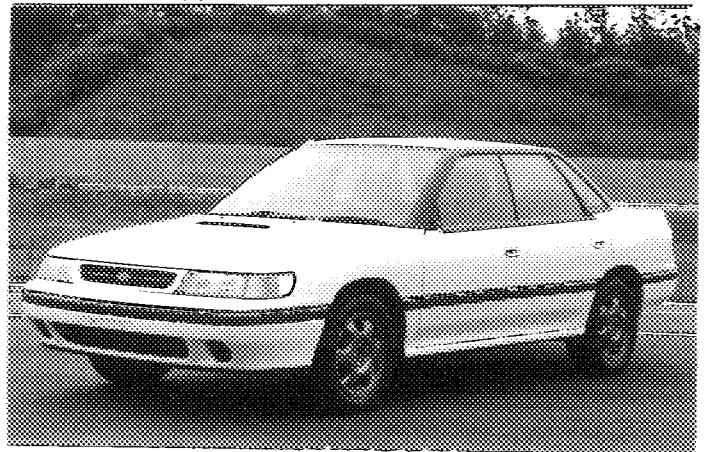
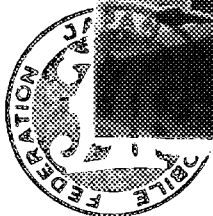


Photo B

Old type ---> New type



Make
会社名 FUJI

Model
型式 BC

Homologation No N-5399

Extension No 04 / 03 VD

J A F 公認番号 _____

Page or ext. ページ又は補足	Art. 項目	Description 記述
2	202)	Dimension Overall length : 4,545 mm ± 1 %
	209) a)	Overhang Front : 930 mm ± 1 %
	b)	Overhang Rear : 1,035 mm ± 1 %
9	804)	Steering provide the power steering oil cooler system
10	902)	Exterior Front view (Radiator grill of front bumper) Tolerance : ±10mm
Turbo charger	334 e)	Impeller wheel
	e3)	Height of blade : 21.6 mm ± 0.5 mm
	e4)	Dimension A : 48.0 mm ± 0.4 mm
		Dimension C : 65.0 mm ± 0.4 mm

