

# **2006 Subaru Impreza Factory Service Manual**

This CD is provided strictly to backup software, which you currently own, to protect it from damage, accidental or otherwise. These duplications are allowed under the copyright law, and you are entitled to this service by law. The provider of this service will not be held accountable for the purchaser's use. If you sell your original software, you will destroy the backup of that title. If you imply piracy, we cannot legally serve you, and we hold no liability for anything you, the purchaser will do with the backup. We understand that by buying these backups from us, you are implying you have the original copy of that title, and we will supply it to you on that understanding only. If you imply to us that you do not own the original copy, then we cannot supply you with the disc, as you have no legal rights to own it. As a service provider, we cannot allow this, as it would mean we would be no longer able to provide you with this service. By complying with these regulations, it allows us, as the service provider to duplicate and you, as a consumer to receive the right of back-up's to protect your original software. Please note, we do not condone piracy, but we do recognize the ever-growing need for CD backup software to protect valuable originals.

# Table of Contents

## 1 – General Info

01. Foreword	FW
02. How to Use This Manual	HU
03. Specifications	SPC
04. Precaution	PC
05. Note	NT
06. Identification	ID
07. Recommended Materials	RM
08. Pre-delivery Inspection	PI
09. Periodic Maintenance Services	PM

## 2 – STi Engine

01. Fuel Injection (Fuel System)	FU(STi)
02. Emission Control (Aux. Emission Control Devices)	EC(STi)
03. Intake (Induction)	IN(STi)
04. Mechanical	ME(STi)
05. Exhaust	EX(STi)
06. Cooling	CO(STi)
07. Lubrication	LU(STi)
08. Speed Control Systems	SP(STi)
09. Ignition	IG(STi)
10. Starting-Charging Systems	SC(STi)
11. Engine (Diagnostics)	EN(STi)(diag)
12. General Description	GD(STi)

## 3 – H4SO Engine (non-turbo)

01. Fuel Injection (Fuel System)	FU(H4SO)
02. Emission Control (Aux. Emission Control Devices)	EC(H4SO)
03. Intake (Induction)	IN(H4SO)
04. Mechanical	ME(H4SO)
05. Exhaust	EX(H4SO)
06. Cooling	CO(H4SO)
07. Lubrication	LU(H4SO)
08. Speed Control Systems	SP(H4SO)
09. Ignition	IG(H4SO)
10. Starting-Charging Systems	SC(H4SO)
11. Engine (Diagnostics)	EN(H4SO)(diag)
12. General Description	GD(H4SO)

## 4 – H4DOTC Engine (turbo)

01. Fuel Injection (Fuel System)	FU(H4DOTC)
02. Emission Control (Aux. Emission Control Devices)	EC(H4DOTC)
03. Intake (Induction)	IN(H4DOTC)
04. Mechanical	ME(H4DOTC)
05. Exhaust	EX(H4DOTC)
06. Cooling	CO(H4DOTC)
07. Lubrication	LU(H4DOTC)
08. Speed Control Systems	SP(H4DOTC)
09. Ignition	IG(H4DOTC)
10. Starting-Charging Systems	SC(H4DOTC)
11. Engine (Diagnostics)	EN(H4DOTC)(diag)
12. General Description	GD(H4DOTC)

## 5 – Transmission

01. Control Systems	CS
02. Automatic Transmission	4AT
03. Automatic Transmission (Diagnostics)	4AT(D)(diag)
04. Manual Transmission and Differential 5-speed (5MT)	5MT
05. Manual Transmission and Differential 6-speed (6MT)	6MT
06. Manual Transmission and Differential (Diagnostics)	6MT(diag)
07. Clutch System	CL

## 6 – Chassis

01. Front Suspension	FS
02. Rear Suspension	RS
03. Wheel and Tire System	WT
04. Differentials	DI
05. Transfer Case	TC
06. Drive Shaft System	DS
07. ABS	ABS
08. ABS (Diagnostics)	ABS(diab)
09. Brake	BR
10. Parking Brake	PB
11. Power Assisted System (Power Steering)	PS

## 7 – Body

01. HVAC System (Heater, Ventilator and AC)	AC
02. HVAC System (Auto AC) (Diagnostics)	AC(diag)
03. Airbag System	AB
04. Airbag System (Diagnostics)	AB(diag)
05. Seat Belt System	SB
06. Lighting System	LI
07. Wiper and Washer Systems	WW
08. Entertainment	ET
09. Communication System	COM
10. Glass / Windows / Mirrors	GW
11. Body Structure	BS
12. Instrumentation Driver Info	IDI
13. Seats	SE
14. Security and Locks	SL
15. Sunroof T-Top Convertible Top (Sunroof)	SR
16. Exterior / Interior Trim	EI
17. Exterior Body Panels	EB
18. Cruise Control System	CC
19. Cruise Control System (Diagnostics)	CC(ETC)(diag)
20. Immobilizer (Diagnostics)	IM(diag)
21. Option Parts	OP

## 8 – Wiring

01. Wiring	WI
------------	----

## 9 – Mechanism & Function

### 01. Chassis

A. Front Suspension	FS
B. Rear Suspension	RS
C. Wheel & Tire System	WT
D. Differentials	DI
E. Transfer Case	TC
F. Drive Shaft System	DS
G. ABS	ABS
H. Vehicle Dynamics Control System (VDC)	VDC
I. Brake	BR
J. Parking Brake	PB
K. Power Assisted System (Power Steering)	PS

### 02. Body

A. HVAC System (Heater, Ventilator & AC)	AC
B. Airbag System	AB
C. Seatbelt System	SB
D. Wiper & Washer	WW
E. Communication System	COM
F. Glass / Windows / Mirrors	GW
G. Instrumentation / Driver Info	IDI
H. Seat	SE
I. Sunroof T-Top Convertible Top	SR
J. Exterior / Interior Trim	EI

### 03. Automatic Transmission

A. Control System	CS(a)
B. Automatic Transmission (4AT)	4AT
C. Automatic Transmission (5AT)	5AT

### 04. Manual Transmission

A. Control System (Manual)	CS(m)
B. Manual Transmission & Differential (5MT)	5MT
C. Manual Transmission & Differential (6MT)	6MT
D. Clutch	CL

### 05. Electrical

A. Lighting System	LI
B. Entertainment System	ET
C. Security & Locks	SL
D. Cruise Control System	CC
E. LAN System	LAN

## 06. Engine

A. Fuel Injection (Fuel Systems)	
H4SO	FU(H4SO)
H4DOTC	FU(H4DOTC)
B. Emission Control (Aux. Emission Control Devices)	
H4SO	EC(H4SO)
H4DOTC	EC(H4DOTC)
C. Intake (Induction)	
H4SO	IN(H4SO)
H4DOTC	IN(H4DOTC)
D. Mechanical	
H4SO	ME(H4SO)
H4DOTC	ME(H4DOTC)
E. Exhaust	
H4SO	EX(H4SO)
H4DOTC	EX(H4DOTC)
F. Cooling	
H4SO	CO(H4SO)
H4DOTC	CO(H4DOTC)
G. Lubrication	
H4SO	LU(H4SO)
H4DOTC	LU(H4DOTC)
H. Speed Control Systems	
H4SO	SP(H4SO)
H4DOTC	SP(H4DOTC)
I. Ignition	
H4SO	IG (H4SO)
H4DOTC	IG(H4DOTC)
J. Starting-Charging	
H4SO	SC(H4SO)
H4DOTC	SC(H4DOTC)