

**International® MaxxForce™ 5 Diagnostic  
Trouble Codes**

DTC	SPN	FMI	Lamp	Circuit	Condition Description
1112	168	3	WEL	ECM PWR (page 252)	B+ out-of-range HIGH
1113	168	4	WEL	ECM PWR (page 252)	B+ out-of-range LOW
1114	110	4	WEL	ECT (page 262)	ECT signal out-of-range LOW
1115	110	3	WEL	ECT (page 262)	ECT signal out-of-range HIGH
1121	102	3	WEL	MAP (page 362)	MAP signal out-of-range HIGH
1122	102	4	WEL	MAP (page 362)	MAP signal out-of-range LOW
1124	164	4	MIL	ICP (page 325)	ICP signal out-of-range LOW
1125	164	3	MIL	ICP (page 325)	ICP signal out-of-range HIGH
1131	91	4	WEL	APS/IVS (page 210)	APS signal out-of-range LOW
1132	91	3	WEL	APS/IVS (page 210)	APS signal out-of-range HIGH
1133	91	2	WEL	APS/IVS (page 210)	APS in-range fault
1134	91	7	WEL	APS/IVS (page 210)	APS and IVS disagree
1135	558	11	WEL	APS/IVS (page 210)	IVS signal fault
1143	8021	2	WEL	CMP (page 235)	CMP signal incorrect for CKP sync
1144	8021	8	WEL	CKP (page 232)	CKP signal noise detected
1146	8064	12	WEL	CKP (page 232)	CKP signal inactive
1147	8064	2	WEL	CKP (page 232)	CKP incorrect signal signature
1151	108	3	WEL	ECM SELF (page 257)	BAP signal out-of-range HIGH
1152	108	4	WEL	ECM SELF (page 257)	BAP signal out-of-range LOW
1154	171	4	none	IAT (page 321)	IAT signal out-of-range LOW
1155	171	3	none	IAT (page 321)	IAT signal out-of-range HIGH
1156	102	0	MIL*	MAP (page 362)	MAP signal in-range HIGH MAP above BARO at start
1157	102	1	MIL*	MAP (page 362)	MAP signal in-range LOW MAP below BARO at start
1161	105	4	WEL	MAT (page 366)	MAT signal out-of-range LOW
1162	105	3	WEL	MAT (page 366)	MAT signal out-of-range HIGH
1221	536	2	none	CCS (page 229)	SCCS switch circuit fault
1222	597	2	none	BOO/BPS (page 222)	Brake switch circuit fault
1253	97	3	none	WIF (page 379)	WIF signal out-of-range LOW
1254	97	4	none	WIF (page 379)	WIF signal out-of-range HIGH

WEL – Warn Engine Lamp

MIL – Malfunction Indicator Lamp

OWL – Oil and Water Lamp

\* Lamp is illuminated after second or third notification

# Maxxforce Dt Trouble Codes

**Mike Thomas**



## **Maxxforce Dt Trouble Codes:**

*Fundamentals of Medium/Heavy Duty Diesel Engines* Gus Wright, 2021-09-30 Preview a Sample Chapter Now Chapter 12 Diesel Fuel Properties and Characteristics View Now Thoroughly updated and expanded Fundamentals of Medium Heavy Diesel Engines Second Edition offers comprehensive coverage of basic concepts and fundamentals building up to advanced instruction on the latest technology coming to market for medium and heavy duty diesel engine systems Now organized by outcome based objectives to improve instructional clarity and adaptability in a more readable format all content seamlessly aligns with the latest ASE Medium Heavy Truck Program requirements for IMMR through MTST This industry leading Second Edition offers Complete coverage for the T2 ASE exam including starting and charging systems Unique coverage and emphasis on electronic control systems for the L2 Diesel Specialist ASE Exam Dedicated chapters on the latest technology and unique OEM equipment Examples of In Depth Coverage for Today s Technicians Electronic service tools Variable Geometry and Series Turbocharging On board networks multiplexing and HD OBD fundamentals and OEM specific Exhaust Aftertreatment Systems Particulate filters Selective Catalyst Reduction SCR and OEM systems Exhaust Gas recirculation EGR Basic Components Coolers Dual Coolers Inspecting a Cooler Mixers Valves Control System Mass Airflow Oxygen Sensor and Speed Density measurement of EGR flow Maintenance On Board Diagnostics and System Performance Checks Engine sensors Analyzing Switch and Sensor Signals VREF and Zero Volt return ZVR Pull Up and Pull Down Switches Resistive Type Sensors Three Wire Hall Effect Sensor Throttle Sensors Pressure Sensors Mass Airflow Sensors Position Sensors Exhaust Gas Sensors Diesel Exhaust Fluid Sensors Fault Detection Principles for Sensors Three Wire Sensor Circuit Monitoring and Pinpoint Testing of Sensors Testing High Pressure Common Rail Fuel Systems Pressure Control Components Two Controller Rail Pressure Regulation On Board Diagnostics Monitoring Measuring Injector Back Leakage Measuring Total Fuel Leakage Fuel Balance Control Bosch Gen 1 4 Delphi Denso Servo hydraulic Direct Acting Piezo G3S and G4S III Siemens Continental AG Injection Rate Shaping Injection Rate and Fault Healing Model Predictive Control MPC and Rate Shape Selection Nominal Voltage Calibration Accelerometer Pilot Control Closed Loop Injector Control Fuel Leakage Rates Pressure Wave Correction Factor Zero Fuel Mass Calibration DYNAMIC TECHNOLOGY SOLUTIONS This text full aligns to CDX Online Access for Medium Heavy Duty Truck Online training program With an easy to use interface and seamless integration with this resource the online learning system reinforces and extends the learning topics from two dimensional paper to interactive e learning Online resources include Thousands of images and digital media assets such as animations and videos Updated tasksheets aligned to the latest ASE Education Foundation standards Mobile ready course materials Audiobook and eBook versions of this text 2023 1400 pages

**Truck and Trailer Systems (PB)** Mike Thomas, 2013-10-22 The most complete visual guide to servicing medium and heavy duty truck systems Written by an expert with decades of experience as an automotive and diesel technician and instructor Truck and Trailer Systems offers comprehensive information on medium and

heavy duty truck service The book begins by discussing the trucking industry professional certifications safety tools and measuring equipment Then each system is thoroughly covered from electrical and lighting to brakes and transmissions Factory procedures from the most common manufacturers for diagnosis and repair are presented along with annotated photos and diagrams This practical authoritative resource is essential for those starting out in the field as well as experienced professionals in need of a detailed on the job reference Chapters include Objectives Notes Cautions Service tips Photos and diagrams Chapter reviews Truck and Trailer Systems covers Industry safety Basic electrical Magnetism Batteries Starting system Charging system Lighting and wiring Computer systems Mobile heating ventilation and air conditioning systems Tires wheels and wheel end systems Frames and suspensions Steering systems Trailers and fifth wheels Hydraulic brake systems Air brake foundation brakes Air brake air systems Antilock brake systems Drive lines Clutches Drive axles Single and twin countershaft manual transmissions Automated manual transmissions Automatic transmissions Allison transmission overhaul PMI Auxiliary power units

2007 Import Diagnostic Trouble Code Manual (1994-2007) Autodata,2006-11 Model year coverage for the Import DTC Manual is 1994 2007 The manual features domestic diagnostic trouble codes and list the probable cause of each code The manual provides MIL Codes OBD Codes and Fault locations Code retrieval techniques are described using concise text and clear illustrations in separate sections for each model Instructions for retrieval and erasure of trouble codes are provided as well as data link connector locations All data is based on OEM information The information is available on CD CDs contain both English and Spanish languages

**The RELLIM Code Book** ,2005 **Diagnostic Trouble Codes** ,2006 **Trouble Codes** Bergwall Productions Inc.,1988-01-01 **Engine Control Unit, Terminal Voltages and trouble codes Manual** David Boyce, **2005 Diagnostic Trouble Codes-Imported Vehicles 1992-2004** Autodata,2005-04 Model year coverage for the Import DTC manual is 1992 2004 The manual features domestic diagnostic trouble codes and lists the probable cause of each code The manual provides MIL Codes OBD Codes and Fault locations Code retrieval techniques are described using concise text and clear illustrations in separate sections for each model Instructions for retrieval and erasure of trouble codes are provided as well as data link connector locations All data is based on OEM information

**General Motors Onboard Diagnostics** Automotive Training Group,2009 **Chrysler Onboard Diagnostics** Automotive Training Group,2009 *Diagnostic Fault Codes Manual* Ал ьфамер Паблинг, ЗАО, Chrysler & Dodge Onboard Diagnostics Automotive Training Group,2009 **Buick Onboard Diagnostics** Automotive Training Group,2009

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lyra s oxford is a companion book to the his dark materials trilogy it is a sequel to the series set when lyra silvertongue is 15 years old the book begins with lyra and her dæmon pantalaimon watching a flock of birds attacking another

**lyra s oxford his dark materials penguin random house** - Jan 15 2023

lyra s oxford opens in the thrilling comfort and familiarity of jordan college where lyra and her daemon pantalaimon sit on the sun drenched roof looking out over all of oxford but their peace is shattered when a strange bird a witch s daemon on its own tumbles out of the sky

**lyra s oxford his dark materials 3 5 goodreads** - Mar 17 2023

oct 28 2003 lyra s oxford begins with lyra and pantalaimon spotting a witch s dæmon lyra shelters the daemon from the pursuit of a frenzied pack of birds and then attempts to help by guiding the daemon to the home of an alchemist living in a part of oxford known as jericho

**lyra s oxford paperback september 25 2007 amazon com** - Apr 18 2023

sep 25 2007 lyra s oxford is an exciting tale set in the world of philip pullman s his dark materials saga this collectible volume includes a short story by mr pullman plus a fold out map of oxford and various souvenirs from the past the book is illustrated throughout with woodcut illustrations by john lawrence read more

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lyra s worlds step into lyra s study under a canopy of stars and dust to discover props and costumes from the bbc hbo production including lyra s alethiometer from the series explore the museum s intriguing dials and devices that inspired philip pullman to create the alethiometer and send your questions out to the cosmos

*lyra s oxford his dark materials hardcover 6 nov 2003* - May 19 2023

nov 6 2003 in lyra s oxford the reader shares the huge excitement of discovering a small bundle of material that has somehow slipped between lyra s universe and our own the book includes a wonderful new story by philip pullman fully illustrated intricate maps and other ephemera from lyra s universe

**lyra s oxford penguin books uk** - Aug 10 2022

lyra s oxford philip pullman christopher wormell illustrator lyra s oxford hardback shop now summary this book contains a story and several other things the other things might be connected with the story or they might not they might be connected to stories that haven t appeared yet

*lyra s oxford by philip pullman book review* - Feb 04 2022

aug 12 2018 this passage describes the world created by philip pullman in his fantastic trilogy his dark materials so succinctly it makes a perfect opening for this short story set in the magical oxford where lyra has come back to live after the war ended at end of the amber spyglass

[pandora lyra s oxford philip pullman kitap isbn](#) - May 07 2022

lyra s oxford philip pullman penguin 9780857535573 kitap bisiklet mucizesi kentsel olan her yere yayılıyor ama biz şehri kaybettik kendimizi de gözden kaybediyoruz

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**lyra s oxford wikipedia** - Sep 23 2023

lyra s oxford is a 2003 novella by philip pullman depicting an episode involving the heroine of his dark materials pullman s best selling trilogy lyra s oxford is set when lyra belacqua is 15 two years after the end of the trilogy 1 the book consists mainly of an illustrated short story lyra and the birds

*lyra s oxford kolektif fiyat satın al d r* - Jul 21 2023

lyra s oxford yazar kolektif yayınevi penguin random house children s uk Öne Çıkan bilgiler İlk baskı yılı 2023 baskı sayısı 1 basım dil İngilizce tüm Özellikleri gör standart teslimat 09 ekim 12 ekim yazarın diğer kitapları tümünü göster İnce kapak türkçe İlköğretim sözlüğü kolektif 39 50 tl altın kitaplar sepete ekle cep boy

lyra s oxford 9781439590447 amazon com books - Jul 09 2022

lyra s oxford represented the glimmer of hope within my depressed and hungry mind following the completion of the amber spyglass with great respect for mr pullman s writing ability as shown in his previous three books of the his dark materials saga i thought that he would do what many great authors have done in the past and end the series after the sad but

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**lyra s oxford new philip pullman inspired walking tour launches** - Jun 08 2022

oct 19 2017 lyra s oxford described in detail in pullman s northern lights is similar to our oxford but with countless subtle yet important differences lyra s jordan college is actually exeter

*lyra s oxford by philip pullman chris wormell waterstones* - Mar 05 2022

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