

ETAI Citroën C3 III 1.2i

ETAI Citroën C3 III 1.2i Technical Repair Manual (RTA 854)

Comprehensive Guide for Maintenance and Repair (2016-2020 Models)

INTRODUCTION TO YOUR TECHNICAL REPAIR MANUAL

This publication is designed to provide clear and useful technical information for the rapid repair and maintenance of your Citroën C3 III. To achieve this objective, the Automotive Technical Review (RTA) is organized into chapters, allowing you to quickly find the necessary information.

The initial chapters help identify your specific vehicle, understand troubleshooting scenarios, and perform interventions related to maintenance or part replacement.

Detailed methods for each step and the necessary material for intervention are provided. The chapters cover a maximum of configurations commercialized by the manufacturer.



CARNET
DE BORD

ENTRETIEN
COURANT

ENTRETIEN
AVANCÉ

ÉCLAIRAGE
EXTÉRIEUR

CARROSSERIE
ET VITRAGE



MÉCANIQUE
MOTEUR

MÉCANIQUE
GÉNÉRALE

DIAGNOSTIC
MOTEUR

1.2i 82 ch / 1.2i 110 ch avec et sans FAP



1.2i 82 / 1.2i 110 ch sans FAP



RTA N° 854

E.T.A.I.
INFOPRO DIGITAL AUTOMOTIVE

Image Description: The cover of the ETAI RTA 854 manual for the Citroën C3 III Phase 1 (2016-2020). It features a white Citroën C3 car and lists engine variants covered, such as 1.2i 82 ch and 1.2i 110 ch, with and without FAP (Diesel Particulate Filter).

1. VEHICLE IDENTIFICATION AND GENERAL INFORMATION

This section details the main characteristics of the vehicle and the location of identification elements. This information is often crucial for purchasing replacement parts. It also provides technical data and methods for troubleshooting, even

REVUE TECHNIQUE AUTOMOBILE

CITROËN C3 III phase 1

RTA 854
DÉCEMBRE 2020



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'Entretien courant' (Current Maintenance), 'Entretien avancé' (Advanced Maintenance), 'Eclairage extérieur' (Exterior Lighting), 'Carrosserie et vitrage' (Bodywork and Glazing), 'Mécanique moteur' (Engine Mechanics), 'Mécanique générale' (General Mechanics), and 'Diagnostic moteur' (Engine Diagnostics), along with corresponding page numbers.

1.1. Logbook (Carnet de Bord)

- **Identification:** Locating and understanding vehicle identification numbers and labels.
- **Troubleshooting (Dépannage):** Initial steps and data for diagnosing common issues.

2. ROUTINE MAINTENANCE (ENTRETIEN COURANT)

This chapter provides maintenance recommendations and control procedures to prepare your vehicle for long journeys. It includes simple operations that you can easily perform for regular upkeep.

- **Maintenance Recommendations:** Scheduled service intervals and checks.
- **Level Checks:** Procedures for checking and topping up fluids (oil, coolant, brake fluid, etc.).
- **Brake System Control and Repair:** Inspection and basic servicing of brake components.
- **Electrical System and Reset:** Basic checks and reset procedures for electrical components.
- **Filtration and Engine Maintenance:** Replacing filters (air, oil, fuel) and other routine engine care.

3. ADVANCED MAINTENANCE AND REPAIRS (ENTRETIEN AVANCÉ)

This section enables more complex maintenance operations without requiring significant investment in specialized tools. It contributes to cost savings, preserved vehicle comfort, and overall satisfaction with its performance.

- **Draining and Filling:** Procedures for fluid changes (e.g., engine oil, transmission fluid).
- **Charging and Starting:** Maintenance and troubleshooting for the battery and starting system.
- **Brake System Maintenance:** More in-depth procedures for brake system components.
- **Suspension Replacement:** Instructions for replacing suspension components.

4. EXTERIOR LIGHTING (ÉCLAIRAGE EXTÉRIEUR)

Ensuring optimal visibility: This chapter covers all characteristics and methods for replacing an optical block or simply a 'burnt out' bulb, ensuring your vehicle's lighting system functions correctly for safety.

5. BODYWORK AND GLAZING (CARROSSERIE ET VITRAGE)

This chapter explains how to remove, replace, or adjust the main exterior body elements. This information is necessary for replacing damaged parts and generally for accessing other components of the vehicle.

- **Front Part:** Procedures for front body components.
- **Passenger Compartment:** Interior trim and components.
- **Windows and Window Mechanisms:** Repair and replacement of windows and their operating systems.
- **Opening Elements:** Maintenance and repair of doors, hood, and trunk.

6. ENGINE MECHANICS (MÉCANIQUE MOTEUR)

This highly technical chapter is aimed at both experienced mechanics and professionals. It contains numerous exploded

views with appropriate tightening torques, technical data, and methods related to the engine and its associated circuits.

- **Engine:** Detailed information on engine components and operation.
- **Distribution:** Timing belt/chain replacement and adjustment.
- **Cylinder Head:** Servicing and repair of the cylinder head.
- **Lubrication:** Oil system maintenance.
- **Cooling:** Radiator, hoses, and coolant system.
- **Fuel System:** Fuel delivery and injection components.
- **Exhaust System:** Components and maintenance of the exhaust.

7. GENERAL MECHANICS (MÉCANIQUE GÉNÉRALE)

Continuing from the previous chapter, this section also targets experienced mechanics and professionals. It covers various themes such as gearboxes, transmissions, steering, and air conditioning systems.

- **Clutch (Embrayage):** Inspection and replacement procedures.
- **Gearboxes (Boîte de vitesses):** Manual and automatic transmission details.
- **Transmission (Transmission):** Drive shafts and related components.
- **Airbags and Steering:** Safety systems and steering mechanisms.
- **Heating and Air Conditioning (Chauffage - Climatisation):** HVAC system maintenance.

8. DIAGNOSTIC AND TROUBLESHOOTING (DIAGNOSTIC MOTEUR)

This chapter contains essential information for understanding engine management systems and their components. It is indispensable for professional diagnostic users, including electricians and automotive mechanics.

- **Engine Management Diagnostics:** Procedures for identifying and resolving engine-related electronic issues.

TECHNICAL SPECIFICATIONS

This section provides key technical data for the Citroën C3 III models covered by this manual.

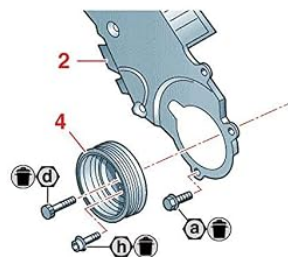
- **Vehicle Models Covered:** Citroën C3 III Phase 1 (2016-2020)
- **Engine Variants:**
 - 1.2i 82 ch (60kW) - HMZ / EB2F - M5
 - 1.2i 110 ch (81kW) - HNP / EB2DT - M6
 - 1.2i 110 ch (81kW) - HNZ / EB2DT - M5
 - 1.2i 110 ch (81kW) - HNP / EB2ADT - M6 (with FAP)
 - 1.2i 110 ch (81kW) - HNZ / EB2ADT - M6 (with FAP)
- **Publication Date:** December 1, 2020
- **ISBN-13:** 979-1028308377
- **Item Weight:** 1.15 pounds
- **Dimensions:** 10.63 x 0.39 x 8.27 inches

Véhicules traités dans cette revue

CITROËN C3 III phase 1

	CARNET DE BORD	ENTRETIEN COURANT	ENTRETIEN AVANCÉ	ÉCLAIRAGE EXTÉRIEUR	CARROSSERIE ET VITRAGE	MÉCANIQUE MOTEUR	MÉCANIQUE GÉNÉRALE	DIAGNOSTIC MOTEUR
1.2i 110 12V Turbo FAP (81kW) - HNP / EB2ADT - A6	•	•	•	•	•			
1.2i 110 12V Turbo FAP (81kW) - HNP / EB2ADT - M6	•	•	•	•	•			
1.2i 110 12V Turbo (81kW) - HNP / EB2ADT - M6	•	•	•	•	•			
1.2i 110 12V Turbo (81kW) - HNV / EB2DTM - A6	•	•	•	•	•			
1.2i 110 12V Turbo (81kW) - HNZ / EB2DT - A6	•	•	•	•	•	•	•	•
1.2i 110 12V Turbo (81kW) - HNZ / EB2DT - M5	•	•	•	•	•	•	•	•
1.2i 82 12V (60kW) - HMZ / EB2F - M5	•	•	•	•	•	•	•	•

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POUR ENTREtenir ET RÉPARER VOTRE VÉHICULE



Pour tout renseignement, merci de contacter le service clients :



contact@revue-technique-auto.fr

Image Description: A page from the manual detailing the specific vehicle models and engine types covered by this RTA. It includes a matrix indicating which sections (Logbook, Current Maintenance, Advanced Maintenance, Exterior Lighting, Bodywork, Engine Mechanics, General Mechanics, Diagnostic) apply to each engine variant. An ISBN barcode (9791028308377) is also visible.

WARRANTY INFORMATION

This technical repair manual provides instructions for maintenance and repair. It does not include warranty information for

the vehicle itself or its components. For details regarding your vehicle's warranty, please refer to the official documentation provided by Citroën or consult an authorized dealer.

SUPPORT

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question