

B48/B58 + ZF 8HP INTO E9x

E9X B58 SWAP BIBLE

Customer Edition R1

PLANNING REFERENCE + BUILD-RECORD WORKBOOK

Source-backed method for every major decision in a B48/B58 + 8HP conversion, plus disciplined record templates for your exact build: identity, donor screening, controller-first selection, measurement, engine systems, driveline, electrical architecture, staged commissioning, and fault isolation.

METHOD 56 pages	RECORD 54 pages	FIELD RECORD 50 pages	SUPPORT 16 pages
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HONEST SCOPE: this guide supplies method and record discipline. It does not supply universal dimensions, pinouts, torque values, or compliance promises ? those depend on your exact configuration.

How to Use This Guide

HOW TO USE THIS GUIDE

1. Read the method pages of a chapter before buying anything for that chapter's scope.
2. Complete the matching BUILD RECORD pages for your exact car, donor, and controller combination. Blank fields are stop signals.
3. Where a page says FIELD RECORD REQUIRED, plan the actual session (measurement, inspection, test) and record the result with units, date, and instrument.
4. Follow the staged sequence: identity first, controller decision before transmission purchase, measurement before fabrication, evidence before first start.
5. Keep every completed page with your build file. Your records are the asset that makes the next decision safe.

STOP RULES: if a required identity field is blank, if a controller support statement is missing, or if a safety/retained-function question is unresolved ? stop and acquire the evidence. Do not substitute an assumption.

Scope ? and What This Guide Does NOT Cover

WHAT THIS GUIDE IS

A planning reference and build-record workbook for B48/B58 engine + ZF 8HP transmission conversions into E9x-chassis BMWs. It organizes the work around the decisions you actually make: donor and engine identity, exact 8HP unit and controller selection, physical interface measurement, engine-systems scoping, electrical architecture choice, staged commissioning, and fault isolation. Method pages are source-backed; record pages are yours to complete for your exact build.

WHAT THIS GUIDE IS NOT ? read this before you buy

- It does NOT give one-size-fits-all dimensions, mount positions, driveshaft lengths, or direct-fit promises for B58 builds. Fitment is configuration-dependent; the guide tells you what to measure.
- It does NOT provide pinouts, coding procedures, or any immobilizer/security/safety bypass.
- It does NOT supply universal torque, fluid, adaptation, or stack-up values; it tells you which exact-unit source to obtain and what to record.
- It does NOT promise road legality, inspection passes, or emissions compliance. Those are jurisdictional; a working build is not proof of compliance.
- It is a printed workbook, not a digitally fillable form.

If you need guaranteed specs rather than a disciplined planning and record system, this is not the right product for you.

Evidence-Label Legend

Use the following badges throughout this document to make certainty legible at the point of use.

L1 / METHOD ? Source-backed method. Confirm the selected configuration before applying.

L2 / RECORD REQUIRED ? Selected-configuration record required. This field is not a conclusion.

L3 / FIELD RECORD REQUIRED ? Controlled field evidence required. No result is represented here.

STOP ? Do not advance this decision while the required record is absent.

SOURCE LIMIT ? Read the source boundary before transferring this statement.

Reader Decision Map

Start with the question, not the component name.

1. If the question is 'What must be identified?' ? read the L1 identity and inspection method, then open the L2 record requirement. Do not create a compatibility statement.
2. If the question is 'Does this selected donor have the required identity?' ? complete the appropriate L2 record. Do not treat an unfilled card as a result.
3. If the question is 'What happened on this vehicle?' ? open the L3 field-record requirement. Record only the controlled session's labelled evidence.
4. If the next step would require an excluded category of content ? stop at the boundary.

SOURCES: WP, BP, QUEUE

Chapter 1 Opener: Build Contract

A configuration cannot be reviewed while it is only a collection of component names. The build contract converts the idea into one named reference configuration: a recipient identity, a donor/engine identity, a control-system identity, a transmission identity, an intended-use boundary, and a retained-function scope.

Until those fields are recorded, the document has no selected configuration to which a source, support statement, measurement, or field session can be attached.

The build contract is not a fitment declaration and does not authorize purchase. 'Unknown,' 'not supplied,' and 'awaiting source' are useful values. A blank, assumed, or family-level field is a stop signal.

SOURCES: WP, BP, QUEUE

Recipient identity record

BUILD RECORD ? your exact configuration.

This page is a record sheet for YOUR build, not a conclusion. Complete it for your own car, donor, and controller combination before you buy parts or start fabrication. A blank field means 'not identified yet' ? treat it as a stop signal, not an assumption.

Record these fields:

- Build ID (your own reference) and date
- Recipient car: body style, drive layout, market, model year, steering side
- Donor: VIN, application, production date, market
- Engine: exact code, DME identity, harness identity, fuel/thermal/emissions identity
- Transmission: exact case/unit, RWD/AWD, mechatronic/TCU, output and cooler ports
- Controller: architecture branch, hardware and firmware revision, written support reference
- Your review: source references, scope check, date, where this record is stored

WHY THIS MATTERS: every method page in this guide assumes exact identities. A family label (B58, 8HP) is a screening term, never a complete identity.

No field on this page is a compatibility, fitment, legal, or retained-function conclusion.

RECORD REQUIRED ? complete for your exact configuration before buying parts or fabricating.

YOU'VE SEEN THE FORMAT.

NOW GET THE FULL WORKBOOK.

These seven pages are real pages from the E9x customer edition: the configuration identity card, the build-record sheets, and the method discipline.

The full guide is 179 pages of the same evidence-labeled method: donor identity, controller-first decisions, measurement, wiring architecture, commissioning, and the permanent as-built record system.

Instant secure download. Dated revisions. 14-day refund if it isn't the right fit.

SEE THE FULL SHELF

b58swapbible.com/#store