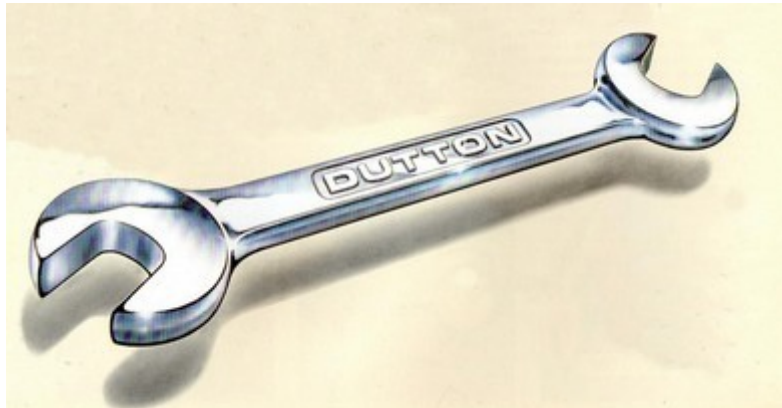


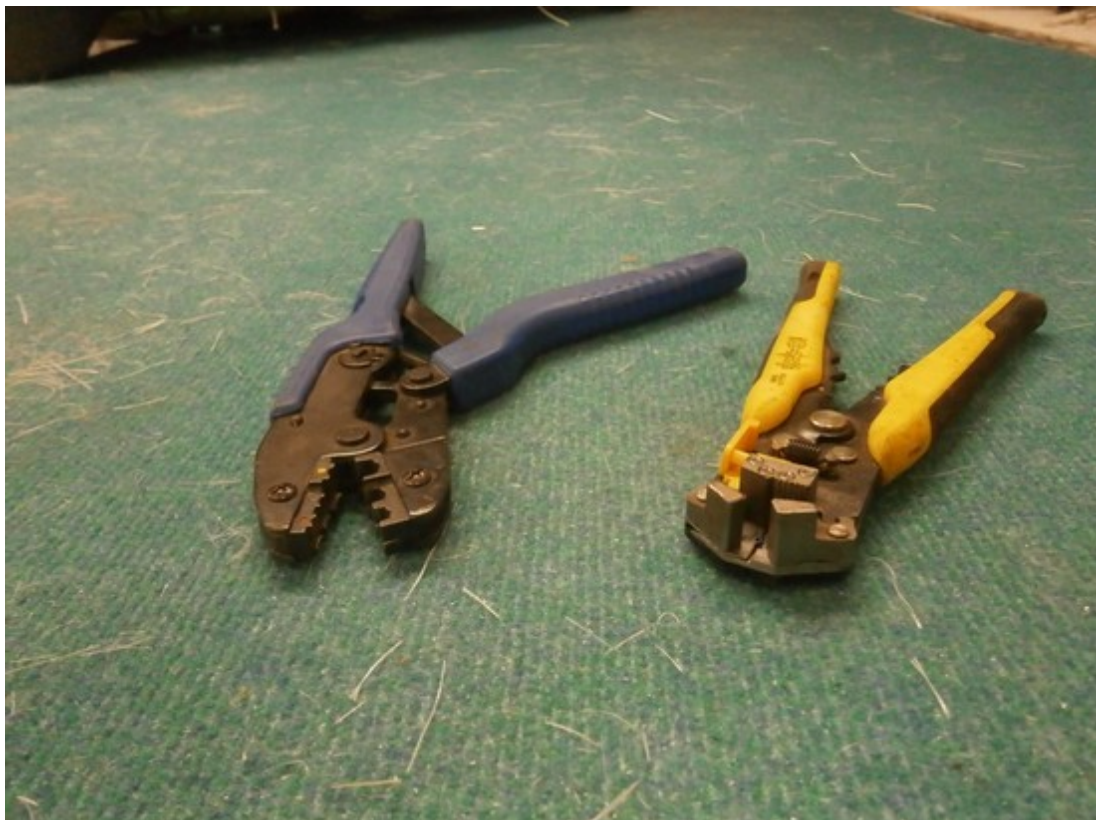
**ASSEMBLY MANUAL FOR DUTTON Phæton 5 Donor:-
Mazda MX5 Mk3 NC 2005-2015 55-15 Reg**

**This manual - Jan 2025 - takes precedent over all earlier dated editions.
Do not download until you have the kit in front of you as we continually
upgrade the manual.**

TOOLS REQUIRED



Usual garage tools inc hand tools, jack, 4 axle stands, drill, Elastoplast,
Haynes Mazda manual



You must use proper wire crimping tool. NOTE 1/2" wide jaws to crimp wire
AND outer cover rather than the cheap 1/8" wide jaw type that do not fully
crimp. The yellow plastic outer cover stripper is adjustable and saves time.

If there is anything that does not make sense please advise, we are always interested in any comments that might improve the build-up for the benefit of other builders (and us!)

It is recommended that you fill in the following and keep this manual with your completed Phæton, it will help with obtaining parts at a later date

DUTTON PHÆTON 5 VIN # DUTT0NPHAET0N8 _ _ _

VIN is spelt with zeros to comply with DVLA regulations.

DUTTON # WHEN REGISTERED #: -

MAZDA VIN # (17 digit): -

MAZDA MODEL#: -

MAZDA REGISTRATION #: -

MAZDA REGISTRATION YEAR: -

Nomenclature: -

A post 1st upright post (windscreen)

B post 2nd upright post (behind driver)

C post 3rd upright post (behind rear seat)

LHS = Left as viewed from sitting in car

RHS = Right as viewed from sitting in car

LHD = Left hand drive

RHD = Right hand drive

PS = passenger side

DS = drivers side

ss = stainless steel

Dia = diameter

= Mazda part number

i/d = inside diameter

o/d = outside diameter

IVA = Individual Vehicle Approval

ffm = full and free movement

GRP = Glassfibre Reinforced Plastic (FRP in some countries)

F = front

R = rear

m = male

f = female

Nylock = self locking nut

SVA = Single Vehicle Approval (now obsolete)

Washer = normal outside dia (2 x i/d)

Penny washer = oversize outside dia (3.5 x i/d)

ms = mild steel

1" (inch) = 25.4mm

1ft = 300mm

8.8 grade standard bolt

10.9 grade medium bolt

12.9 grade high tensile bolt

hyd = hydraulic

cyl = cylinder

hex set = hexagonal headed fully threaded screw

bolt = fastener with solid shaft and short thread

Button head = domed headed bolt with Allen socket

damper = what is incorrectly referred to as a “shock absorber”

ITEMS THAT ARE SUPPLIED LOOSE (i.e. not pre-attached to the body/chassis shell) ARE HIGHLIGHTED IN GREEN

READ THIS BEFORE BUILD-UP

To comply with IVA these instructions must be followed precisely

ALL pipes/hoses/wire/cables etc. must be supported minimum every 12” (300mm)

ALL wiring must be covered by plastic conduit in addition to the coloured plastic around the wire.

All cam locks (bonnet/boot lid) are super glued to GRP, if removed they must be re-glued to avoid rotating - do not over tighten

A full list of nuts & bolts/hose clips/wire etc is supplied with the kit

WORK TO COMPLETE BEFORE YOU HAVE THE KIT

It is important that you check everything on the MX5 works before stripping it down otherwise if you could build up the S5 and if something does not work you will not know whether its a Mazda fault or you have assembled something incorrectly.

WIRING SPECS

Wire (if supplied) is referred to by the number of copper strands (x) and colour and is rated as: -

Strands	Amp	Typical use (see Haynes manual)
(14)	8	All lighting and most other systems
(28)	17	
(44)	27	
(65)		Main earth/charging circuit/engine fan

Dutton wire colours: -

B	black (earth)
Br	brown
Bl	blue
R	red
Y	yellow
P	purple
W	white
G	green
O	orange
Gy	grey

All Dutton wiring unless otherwise stated is (14)

NOW YOU HAVE YOUR MX5 THE STRIP DOWN BEGINS.

We recommend that you take photos and in particular label all electrical plugs/sockets with masking tape prior to strip **down**.

We have just taken delivery of this 2007 MX5 Sport to be stripped.

2 x blue car

This is the recommended order to strip but you may prefer to change this depending on your storage space, availability of equipment etc. We won't insult your intelligent by reminding you to be cognisant of a safe working environment.

check everything on MX5 works
windows down
hood down
wipers in park
battery off
bonnet off

remove:-

both seats

both door mirrors
rear black plastic 3 glove box assembly
centre black plastic trim panel, label door mirror switch
both seat belts
slide interior mirror up and off
lever off mirror plinth that is glued onto glass WEAR GOGGLES in case
windscreen breaks. (You will never sell the windscreen as it is impossible to
remove from bodyshell without breaking it - so large hammer might be in
order) PIC

remove:-

complete steering column with wheel
lever off dash centre trim panel
remove both retaining screws