

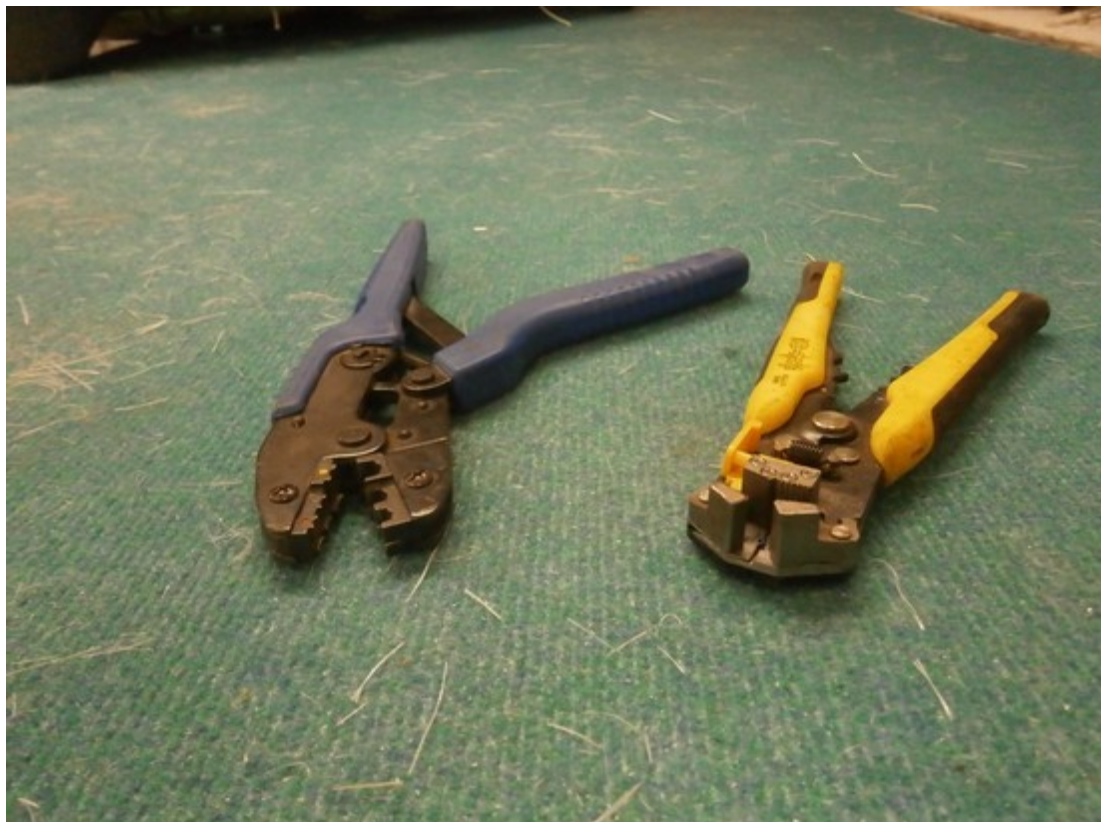
**ASSEMBLY MANUAL FOR DUTTON Phæton S5 Donor:-
Mazda MX5 Mk3 NC 2005-2015 55-15 Reg**

**This manual - Sep 2024 - 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 tools NOTE 1/2" wide jaws to crimp wire
and outer cover

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 the completed Phaeton, it will help with obtaining parts at a later date

DUTTON PHÆTON S5 VIN # DUTT0NPHAET0N _ _ _ _

Dutton VIN is spelt with a zero to comply with DVLA regulations.

MAZDA VIN # (17 digit): -

MAZDA REGISTRATION #: -

MAZDA REGISTRATION YEAR: -

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

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 standard bolt

10.9 medium bolt

12.9 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 head with Allen socket
damper = what is incorrectly referred to as a “shock absorber”

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

WIRING SPECS

Wire 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	Main earth/charging circuit/engine fan
(65)		

Dutton 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)

HOW TO STRIP DOWN THE MX5

We recommend that you take lots of Photos and label all electrical sockets with masking tape prior to stripping down.

----- REMAINDER TO FOLLOW -----