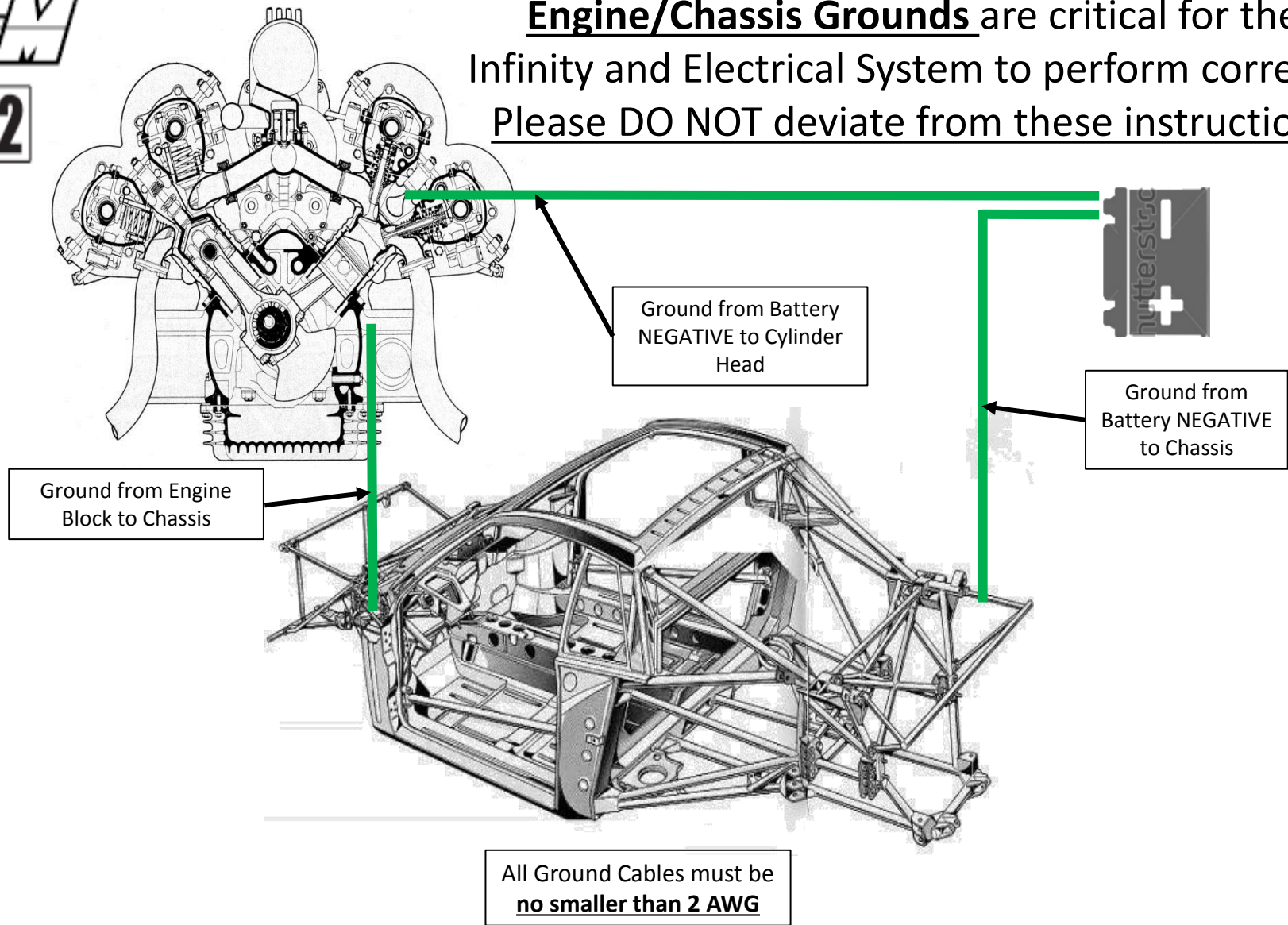




TA2

Engine/Chassis Grounds are critical for the Infinity and Electrical System to perform correctly Please DO NOT deviate from these instructions



A good **Ground** cable choice is: <http://4xspower.com/shop/xp-flex-0-awg-cable/xp-flex-black-10-cable/>

GM / Chrysler

12v Positive Power distribution is critical for the Infinity ECU and Electrical Systems to perform correctly



Please DO NOT deviate from the recommended wire sizing

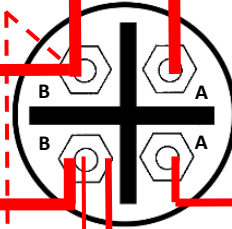
TA2



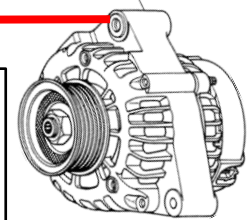
Positive Power from Battery +
to Battery Disconnect Switch
Min Wire Size – 2 AWG

Battery Disconnect Switch –
Minimum **100 Amp Continuous**
/500 Amp Peak Rating

See “Detail A”
for direction on
wiring a Four Pole
Master Switch



Alternator Charge Wire
to Battery Disconnect
Switch switched side
Min Wire Size – 4 AWG



(Single wire
Alternator
shown for
simplicity –
Alternator
choice is open
to Engine
Builders and
Teams)

22AWG RED Wire labeled “VBATT
+12V” on TA2 Chassis Harness F1
flying lead to switched side of Battery
Disconnect Switch*

*Alternative connection for 22AWG
RED Wire labeled “VBATT +12V”
flying lead wiring to Battery + side of
Battery Disconnect Switch. Facilitates
maintaining correct ECU time stamp
information for USB logged files. (DO
NOT connect to both sides of switch!)

14AWG RED Wire labeled
“VBATT +12V” on TA2 Chassis
Harness F1 flying lead to
switched side of Battery
Disconnect Switch

Chassis Harness
Labeled
“VBATT +12V”
F1 flying leads

Positive Power Cable from
Battery Disconnect Switch
switched side to Starter
Solenoid
Min Wire Size – 2 AWG

A good **Battery** to Battery Disconnect Switch and Battery
Disconnect Switch to **Starter** cable choice is:
<http://4xspower.com/shop/xp-flex-2-awg-cable/xp-flex-red-2awg-cable/>

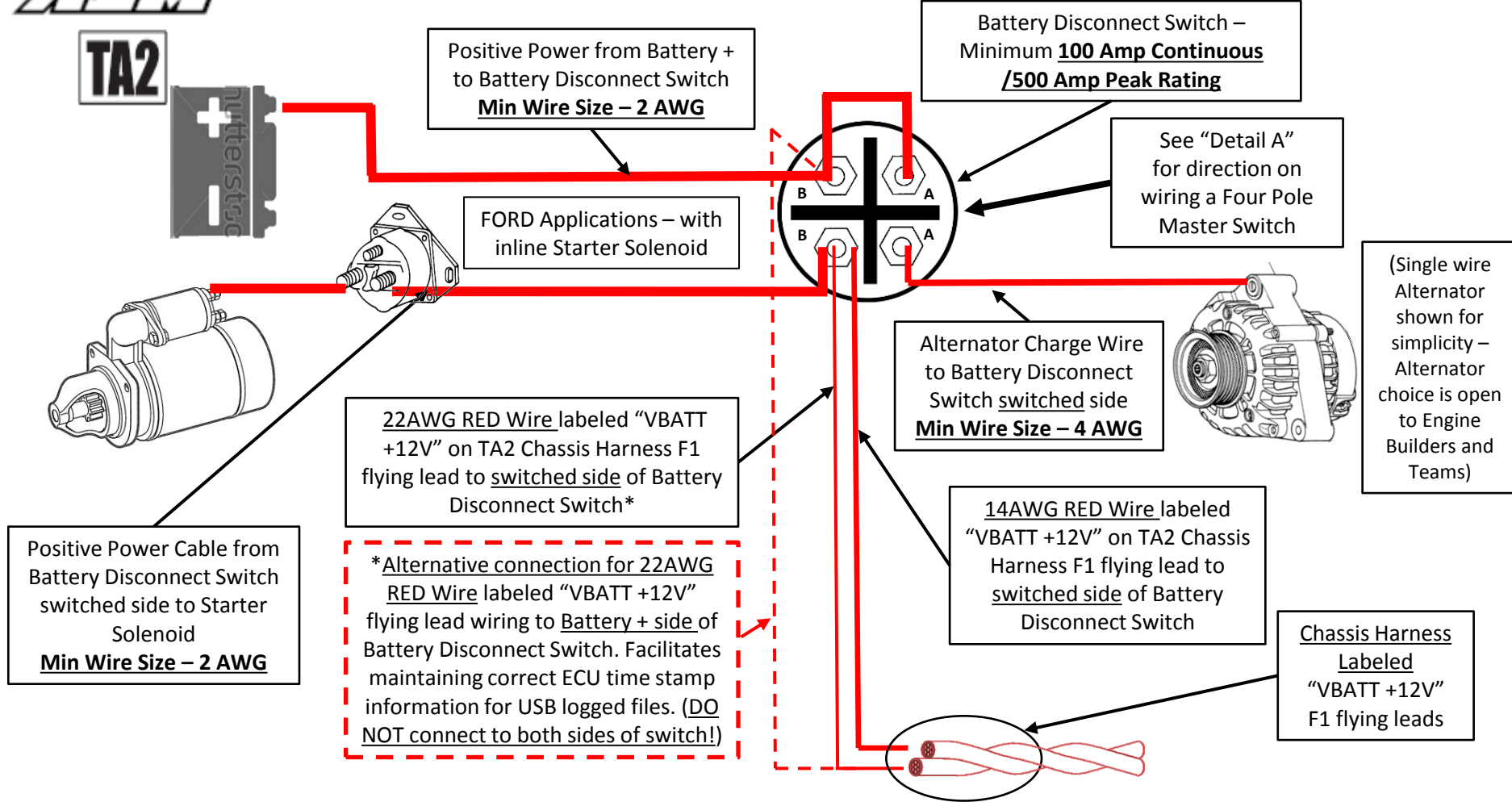
A good **Alternator** to Battery Disconnect Switch cable choice is:
<http://4xspower.com/shop/xp-flex-4-awg-cable/xp-flex-red-4awg-cable/>

FORD

12v Positive Power distribution is critical for the Infinity ECU and Electrical Systems to perform correctly



Please DO NOT deviate from the recommended wire sizing



A good **Battery** to Battery Disconnect Switch and Battery Disconnect Switch to **Starter** cable choice is:
<http://4xspower.com/shop/xp-flex-2-awg-cable/xp-flex-red-2awg-cable/>

A good **Alternator** to Battery Disconnect Switch cable choice is:
<http://4xspower.com/shop/xp-flex-4-awg-cable/xp-flex-red-4awg-cable/>



- Detail A -

Recommended wiring for Four Pole Battery Disconnect Switch

Four Pole Master Battery Disconnect - Courtesy of Longacre Racing Products

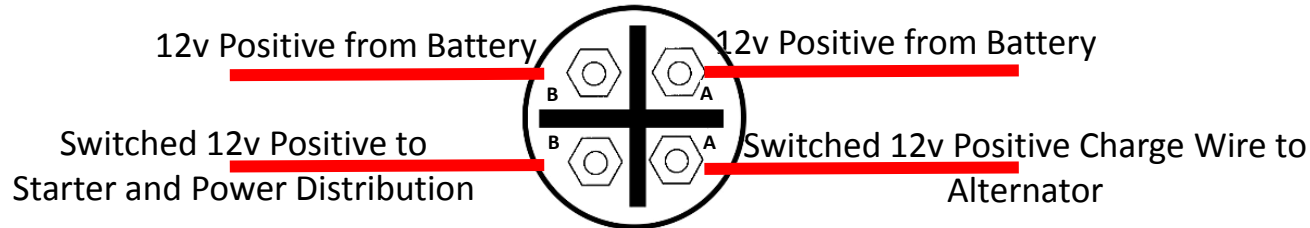
****Correct Four Pole
Battery Disconnect Switch
- PN# 45782
(Or similar)
125A Alternator Circuit
175A Battery Circuit**



Example



**Incorrect Four Pole
Battery Disconnect Switch
- PN# 45780
20A Alternator Circuit
175A Battery Circuit**



****PLEASE Follow Manufacturer Installation Instructions for Battery Disconnect Switch and Alternator**