READ THIS BEFORE YOU BEGIN
- Study the assembly drawings.
- Each plastic part is identified by a number.
- Check the fit of each piece before cementing in place.
- Do not use too much cement to join parts.
- Use only cement for polystyrene plastic.
- Model may be painted to match photos on box.
- Allow paint to dry thoroughly before handling parts.
- Scrape paint from areas to be cemented.
- For better paint and decal adhesion, wash the plastic parts in a mild detergent solution. Rinse and let air dry.

ALLGEMEINE HINWEISE
- Die Anordnung der Bauteile ist aus den Zeichnungen der Anleitung ersichtlich.
- Jedes Plastikteil ist durch eine Nummer gekennzeichnet.
- Die Teile vor dem Verkleben ungeleimt zusammenhalten, um ihren Passitz zu prufen.
- Klebstoff nicht zu dick auftragen.
- Nur Modellbaukleber für Polystyrol verwenden.
- Man kann das modell nach den fotos auf der schachtel anstreichen.
- Bemalte Teile vor der Weiterverwendung gut trocknen lassen.
- Die Farbe muss von allen spateren Klebestellen abgeschabt werden.
- Damit die Farbe und die Abziehbilder besser kleben, sind die Plastikteile in einer milden Seifenlauge zu waschen. Dann abspulen und an der Luft trocknen lassen.

LEA ESTO ANTES DE EMPEZAR
- Estudie los dibujos de ensamblaje.
- Cada pieza de plastico se identifica por un numero.
- Verifique que cada pieza encaje bien antes de pegar en posicion.
- No use demasiado pegamento para unir las piezas.
- Use unicamente pegamento para plastico de poliestrina.
- El modelo puede pintarse de acuerdo con las fotografias de la caja.
- Permita que se seque la pintura completamente antes de tocar las piezas.
- Raspe la pintura de las superficies que seran pegadas.
- Para una mejor fijacion de la pintura y de las calcomanias, lavense las piezas plasticas en una solucion de detergente suave. Enjuaguense y dejense secar al aire.

LEES DIT ALVORENS TE BEGINNEN
- Bestudeer de bouwtekening.
- Elk plastic onderdeel is genummerd.
- Controleer de passing van elk deel voor het lijmen.
- Gebruik niet te veel lijm.
- Alleen lijm voor polystyreen plastic gebruiken.
- Men kan model verven zoals angeduid op de doos.
- Laat de verf van de te verwerken delen steeds goed drogen.
- Verwijder de verf van te lijmen oppervlakken.
- Zodat de verf en etiquetten beter zullen plaken, was de plastieke delen in een milde seep oplossing. Spoel en laat in de openlucht opdrogen.

LISEZ CE QUI SUIT AVANT DE COMMENCER LE MONTAGE
- Etudier les schémas d'assemblage.
- Chaque pièce plastique porte un numero d'identification.
- Controler que chaque pièce soit bien conforme avant de la coller à sa place.
- N'utilisez pas trop de colle pour reunir les pieces.
- Utilisez uniquement une colle spéciale pour polystyrène.
- Le modele peut etre peint conformement aux photos sur la boite.
- Laissez secher la peinture complètement, avant de manipuler les pieces.
- Grattez la peinture sur les surfaces devant être collées.
- Pour assurer la meilleure adhesion possible de la peinture et des decalcomanies, laver les pièces de plastique avec une legère solution savonneuse. Rinser et laisser secher à l'aire.

LAS DET HAR INNAN DU BORJAR BYGGA
- Studera monteringsskisserna.
- Alla plastdelar har identifikationsnummer.
- Kolla noga att delarna passar före limningen.
- Stryk inte for mycket lim pa delarna.
- Anvand endast lim for polystyren-plast.
- Modellen kan malas enligt fotona pa kartongen.
- Lat fargen torka ordentligt fore limningen.
- Skrapa bort fargen pa de ytor som ska limmas.
- For battre vidhaftning av farg och dekalmarken rengor plastdelarna i en mild tvattmedelslosning. Skolj och lat lufttorka.

DA LEGGERE PRIMA DI INIZIARE
- Studia le illustrazioni.
- Ogni pezzo è identificato da un numero.
- Controlla l'incastro di ogni pezzo prima di incollarlo.
- Non usare troppa colla per unire i pezzi.
- Adopera solamente colla per materie plastiche.
- Il modello si puo dipingere seguendo le fotografie sulla scatola.
- Aspetta che la vernice sia completamente asciutta prima di maneggiare le parti.
- Asporta la vernice dai punti dove applicherai la colla.
- Per una migliore aderenza di vernice e decalcomanie, lavare le parti in plastica in soluzione detergente non abrasiva. Risciacquare e lasciar asciugare all'aria.

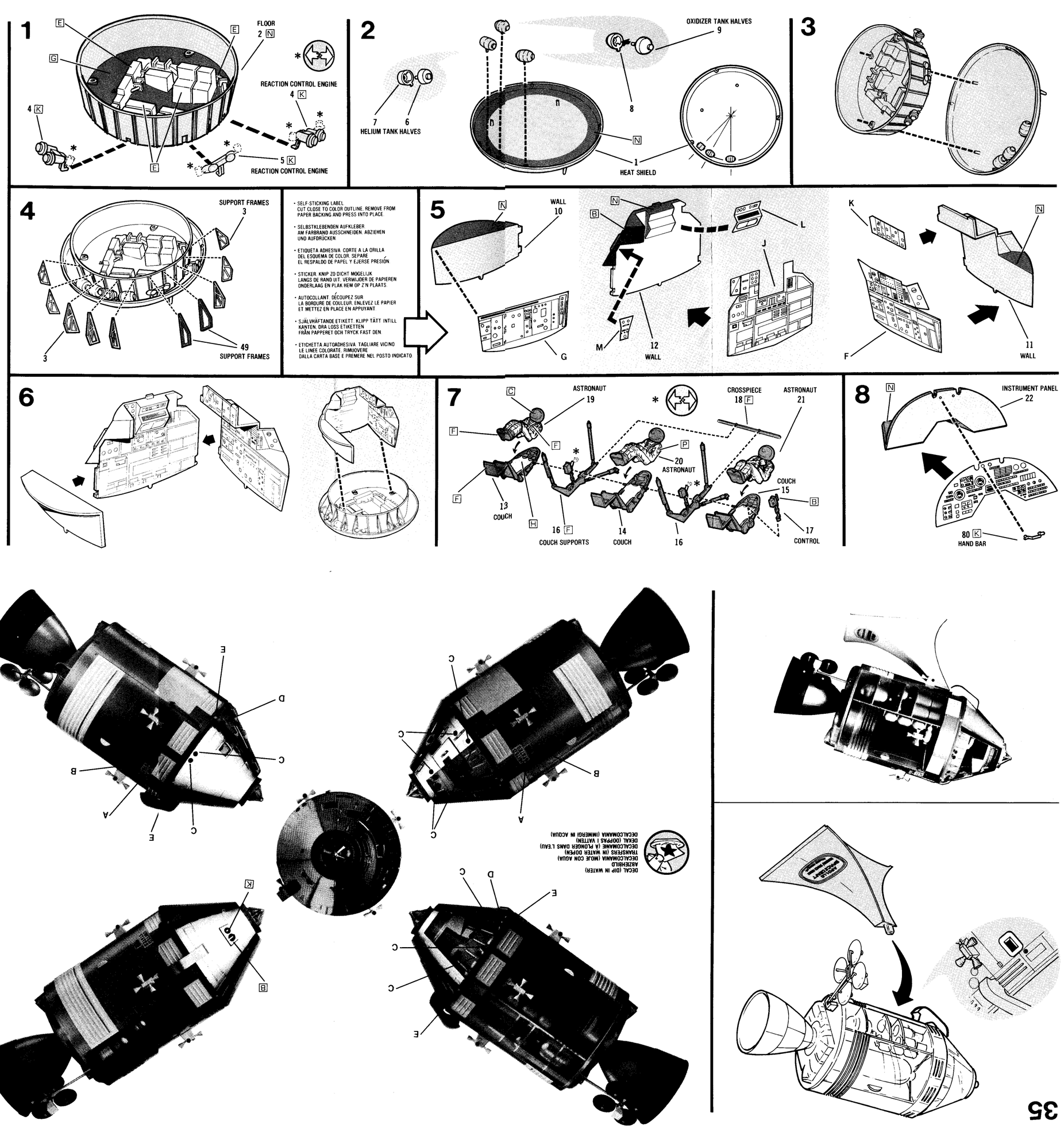
REMOVE AND THROW AWAY
ENTFERNEN (ABFALL)
JETTE Y TIRE
VERWIJDEREN EN WEGGOOIEN
À RETIRER ET JETER
AVLAGSNAS OCH MAKULERAS
RIMUOVI ED ELIMINA

CEMENT TOGETHER
VERKLEBEN
UNIR CON PEGAMENTO
LIMMA
À COLLER
LIMMAS
INCOLLA INSIEME

DO NOT CEMENT
NICHT KLEBEN
NO USE PEGAMENTO
NIET LIJMEN
NE PAS COLLER
LIMMAS INTE
NON INCOLLARE

2X
REPEAT SEVERAL TIMES
ARBEITSGANG MEHRMALS WIEDERHOLEN
REPITA VARIAS VECES
ENIGE KEREN HERHALEN
À REPÉTER PLUSIEURS FOIS
ARBETSMOMENT SOM UPPREPAS
RIPETI DIVERSE VOLTE

A	GLOSS BLACK	GLÄNZENDES SCHWARZ	NEGRO BRILLANTE	GLANZEND ZWART	NOIR LUSTRE	BLANK SVART	NERO BRILLANTE
B	MATTE BLACK	HALBGLÄNZENDES SCHWARZ	NEGRO MATE	MAT ZWART	NOIR MAT	GRÅSVART	NERO SEMIOPACO
C	LIGHT BLUE	HELLBLAU	AZUL CLARO	LICHTBLAUW	BLEU CLAIR	LJUSBLÅ	AZZURRO CHIARO
D	DARK BLUE	DUNKELBLAU	AZUL OSCURO	DONKERBLAUW	BLEU FONCE	MÖRKBLÅ	AZZURRO SCURO
E	LIGHT GRAY	HELLGRAU	GRIS CLARO	LICHT GRIJS	GRIS CLAIR	LJUSGRÅ	GRIGIO CHIARO
F	DARK GRAY	DUNKELGRAU	GRIS OSCURO	DONKER GRIJS	GRIS FONCE	MÖRKGRÅ	GRIGIO SCURO
G	LIGHT BROWN	HELLBRAUN	MARRON CLARO	LICHT BRUIN	MARRON CLAIR	LJUSBRUN	MARRONE CHIARO
H	TAN	GELBBRAUN	CAMELA	OKER	BRUN CLAIR	GULBRUN	MARRONE CHIARO
J	WHITE	WEISS	BLANCO	WIT	BLANC	VIT	BIANCO
K	SILVER	SILBERN	PLATA	ZILVER	ARGENT	SILVERFARG	ARGENTO
L	GOLD	GOLD	DORADO	GOUD	DORE	GULDFARG	ORO
M	YELLOW	GELB	AMARILLO	GEEL	JAUNE	GUL	GIALLO
N	INTERIOR GREEN (ZINC CHROMATE)	INNENSEITE GRÜN	INTERIOR VERD	GROEN INTERIEUR	INTERIEUR VERT	GRÖN INTERIÖR	INTERNO VERDE
O	MAROON	ROTBRAUN	CASTAÑO	KASTANJE BRUIN	MARRON	KASTANJEBRUN	MARRONE
P	RED	ROT	ROJO	ROOD	ROUGE	RÖD	ROSSO



2 5TH ANNIVERSARY MOON LANDING APOLLO SPACECRAFT

Kit 5083 1/32 SCALE MASSTAB 1:32 ESCALA 1/32 SCHAAL 1:32 1/32 ECHELLE SKALA 1/32 SCALA 1/32

MONOGRAM

When astronauts Armstrong, Aldrin, and Collins made their historic voyage to the moon in July, 1969, they relied upon North American Rockwell's Apollo Spacecraft to enable them to complete their mission.

This space vehicle had to be compact yet comfortable and packed with an unbelievable amount of operational equipment. In the void of outer space, it had to maintain the proper temperature, humidity, and oxygen pressure for the existence of the crewmen during their epic adventure. The Command and Service Modules of the Apollo Spacecraft were developed to meet these critical requirements necessary for lunar journeys.

The Command Module contained the compartment in which the astronauts rode. Here they lived, worked, ate, and slept in an air-conditioned space of 73 cubic feet per man. Complex instrument panels covered most of the interior wall space and included 24 instruments, 566 switches, 40 indicators, and 71 lights. Controls necessary for the operation of the spacecraft were located within easy reach of the three sitting crewmen.

Although equipment for communications, telemetry and tracking, guidance and navigation, and earth-landing systems was packed efficiently into just about every bit of available space, the main computer was so compact that it occupied only one square foot. The 12-foot high Command Module contained about 15 miles of wiring, enough to wire 50 two-bedroom homes. It had more than 2,000,000 functional parts as compared to about 3,000 in a conventional automobile.

Mid-course corrections, insertion into lunar orbit, and return to earth-bound trajectory were accomplished by brief firings of the main propulsion engine of the spacecraft. This was part of the Service Module, a cylindrical unit over 12 feet in diameter and over 22 feet long. Equipment in the Service Module also supplied electrical power to the spacecraft as well as life-sustaining oxygen to the astronauts in the Command Module. Four clusters of reaction control engines mounted on the exterior of the Service Module could be fired simultaneously in any one of four directions for stabilization or critical changes of motion. Propellant tanks and other equipment were housed in the six wedge-shaped bays which made up the Service Module interior.

The Command Module and the Service Module were coupled together during the entire course of their mission to and around the moon and back toward earth. They finally parted only minutes outside of the earth's atmosphere at which time the umbilical boom broke away, leaving the Command Module, under its own independent but limited oxygen and electrical systems, to become the only part of the spacecraft to return to earth.

The 1/32 scale Monogram kit of the Apollo Spacecraft was introduced in 1970 as kit number 6873. It was part of a series of space-oriented models that included the Apollo-Saturn V Rocket, the First Lunar Landing, and the U.S. Space Missiles. The "Heritage Edition" of this model is molded in the same colors as the original kit and measures over a foot long. Operating features include the nozzle of the Aerojet General service propulsion system engine, the S-band high-gain antenna, and the Service Module umbilical fairing.

Upon completion of your Monogram kit, you will have an accurate scale model of the historic spacecraft that first enabled man to reach the moon.

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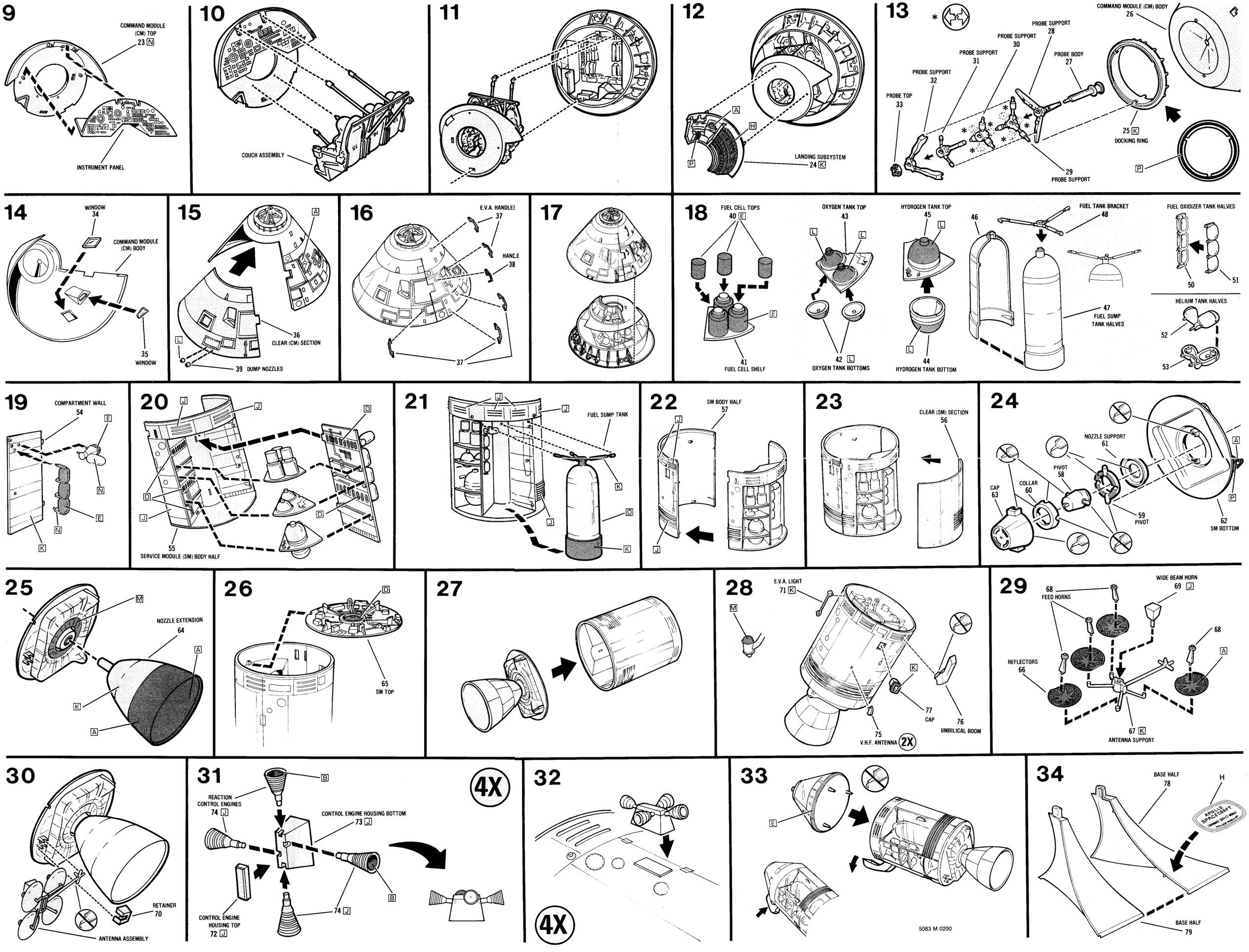
5083 M 0200


9
COMMAND MODULE (CM) TOP
23 N
INSTRUMENT PANEL
10
COUCH ASSEMBLY
11
12
A
H
P
LANDING SUBSYSTEM
24 K
13
COMMAND MODULE (CM) BODY
26
PROBE SUPPORT
28
PROBE SUPPORT
30
PROBE SUPPORT
31
PROBE BODY
27
PROBE SUPPORT
32
PROBE TOP
33
25 K
DOCKING RING
29
PROBE SUPPORT
P
14
WINDOW
34
COMMAND MODULE (CM) BODY
35
WINDOW
15
A
36
CLEAR (CM) SECTION
L
39 DUMP NOZZLES
16
E.V.A. HANDLES
37
HANDLE
38
37
17
18
FUEL CELL TOPS
40 E
E
41
FUEL CELL SHELF
OXYGEN TANK TOP
43
L
L
42 L
OXYGEN TANK BOTTOMS
HYDROGEN TANK TOP
45
L
L
44
HYDROGEN TANK BOTTOM
46
FUEL TANK BRACKET
48
47
FUEL SUMP TANK HALVES
FUEL OXIDIZER TANK HALVES
50
51
HELIUM TANK HALVES
52
53
19
COMPARTMENT WALL
54
E
N
N
E
K
20
J
J
D
D
J
D
55
SERVICE MODULE (SM) BODY HALF
21
J
J
FUEL SUMP TANK
K
J
O
K
22
SM BODY HALF
57
J
J
23
CLEAR (SM) SECTION
56
24
NOZZLE SUPPORT
61
A
PIVOT
58
CAP
63
COLLAR
60
59
PIVOT
P
62
SM BOTTOM
25
M
NOZZLE EXTENSION
64
A
K
A
26
D
65
SM TOP
27
28
E.V.A. LIGHT
71 K
M
K
77
CAP
76
UMBILICAL BOOM
75
V.H.F. ANTENNA
2X
29
WIDE BEAM HORN
69 J
68
FEED HORNS
68
A
REFLECTORS
66
67 K
ANTENNA SUPPORT
30
RETAINER
70
ANTENNA ASSEMBLY
31
B
4X
REACTION CONTROL ENGINES
74 J
CONTROL ENGINE HOUSING BOTTOM
73 J
B
74 J
CONTROL ENGINE HOUSING TOP
72 J
32
4X
33
E
5083 M 0200
34
BASE HALF
78
H
APOLLO SPACECRAFT
BASE HALF
79