

R2D2,  
BB-8, C3PO

HOGVARTS-MOSCOW,

GE GENE0,

2018

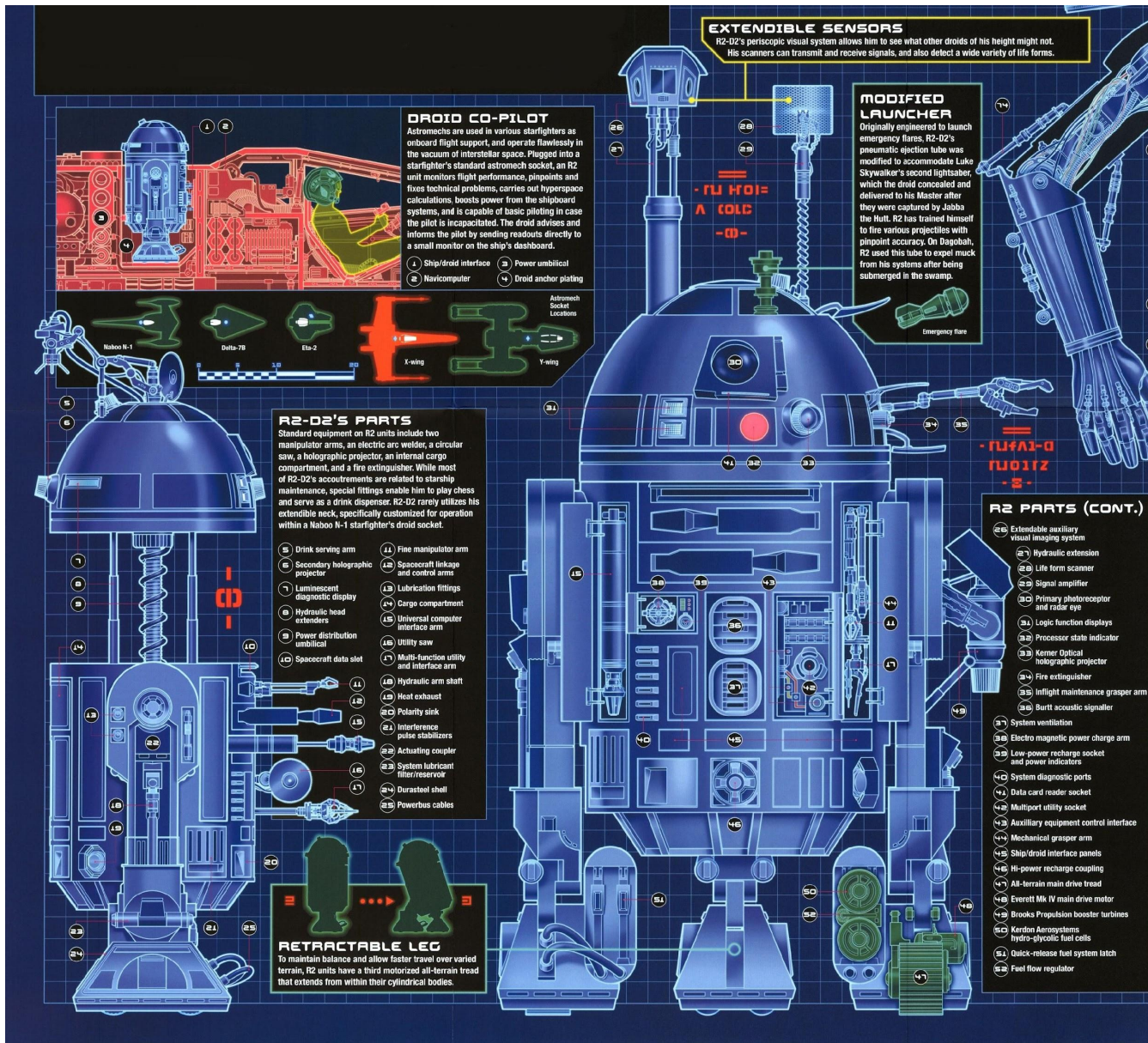
# R2D2

А) R2D2 СОСТОИТ ИЗ СОЛНЕЧНАЯ ПАНЕЛЬ = РАСПОЛОЖЕНЫ ПО КРУГУ = НАВЕРНОЕ СВЯЗАНО С СОЛНЕЧНЫМ КРУГОМ, ДВИЖЕНИЕМ СОЛНЦА = ПОДВИЖНОЕ ПОДВИЖНО!!)  
Б) НА ГОЛОВЕ РОБОТА РАСПОЛОЖЕНЫ 2 ЛОГИЧЕСКИХ АВТОПИЛОТА, ДИСПЛЕЙ СВЕТОВОЙ ИНДИКАТОР СОСТОЯНИЯ РОБОТА И ЗВУКОВОЙ СЕНСОР = ПОМОГАЕТ ОБЩАТЬСЯ РОБОТУ С ОКРУЖАЮЩИМ МИРОМ



В) ТАКЖЕ НА ГОЛОВЕ РАСПОЛОЖЕН ОПТИЧЕСКИЙ ГОЛОГРАФИЧЕСКИЙ ПРОЕКТОР И РОБОГЛАЗ, КОТОРЫЙ ВЫБИРАЕТ ИЗ ДВУХ АВТОПИЛОТОВ = ПОВОРОТ ГОЛОВЫ, ЗВУК ИЛИ СИГНАЛ ДИСПЛЕЯ ИНДИКАТОРА ИЛИ ДВИЖЕНИЕ РУКАМИ, НОГАМИ  
Г) КАМЕРА ЗАДНЕГО ВИДА  
Д) ФЛЕШ-КАРТА  
Е) ДВА КОНДИЦИОНЕРА ВСТРОЕННЫХ  
Ж) РОБОРУКА РОБОРОЗЕТКА  
И) ВСТРОЕННЫЕ USB  
К) ДРУГОЕ

# R2D2



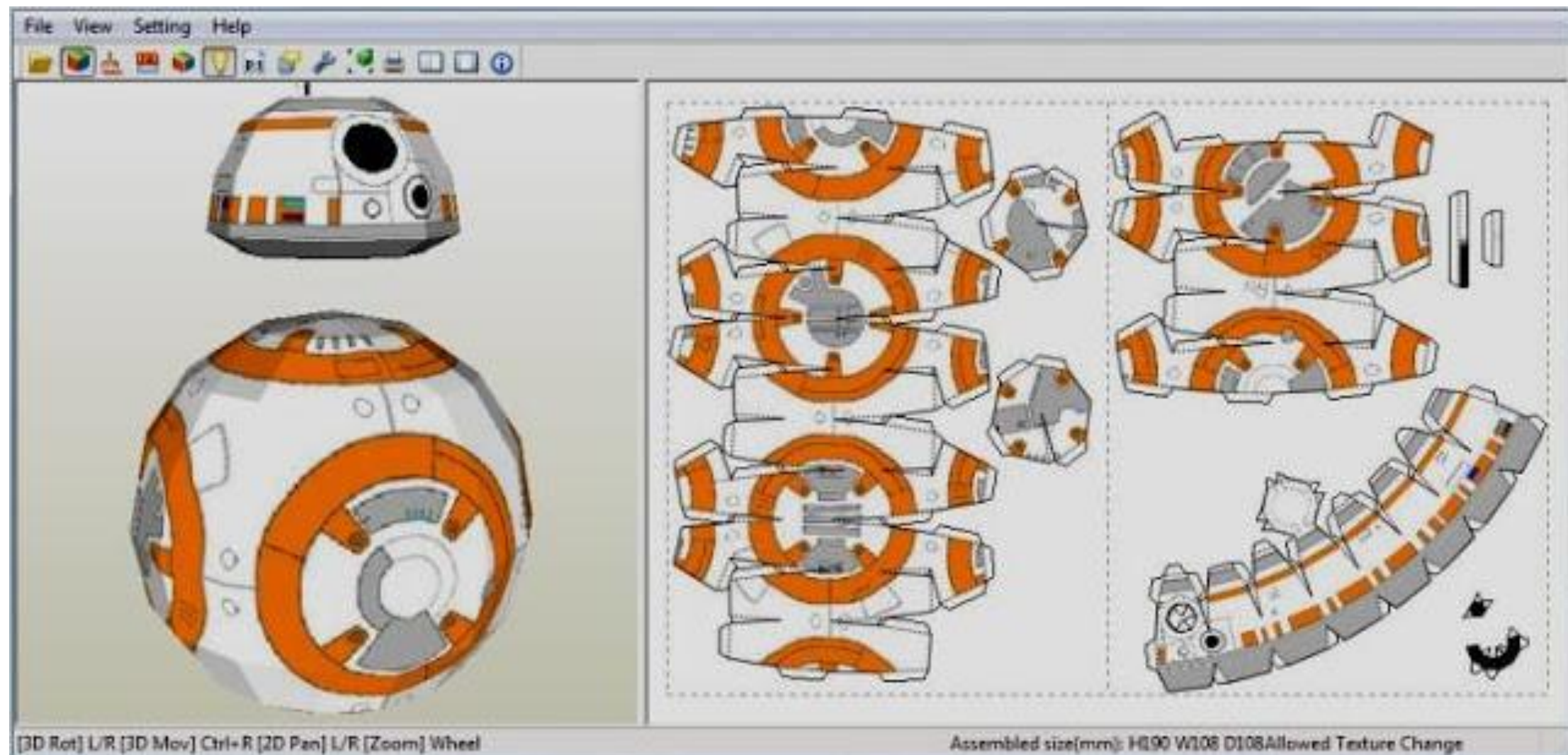
# BB-8

- BB-8 ИМЕЕТ СТРОЕНИЕ ГОЛОВЫ ПОЛУСФЕРА, КОТОРАЯ ПРОГРАММНЫМ ПУТЕМ ПРИМАГНИЧИВАЕТ СФЕРУ-ШАР С ИНЖЕНЕРНЫМИ ОТСЕКАМИ 6ШТ. ВСЕГДА ВЕРТИКАЛЬНО,
- НА ГОЛОВЕ РОБОТ BB-8 ИМЕЕТ СОЛНЕЧНЫЕ ПАНЕЛИ, РАСПОЛОЖЕННЫЕ ПО КРУГУ,
- ДВЕ АНТЕННЫ: СОЛНЕЧНАЯ И РАДИОАНТЕННЫ
- 5 АВТОПИЛОТОВ,
- ОПТИЧЕСКИЙ ГОЛОГРАФИЧЕСКИЙ ПРОЕКТОР, РОБОГЛАЗ, КОТОРЫЙ ВЫБИРАЕТ ДВИЖЕНИЕ ШАРА-СФЕРЫ, УСЛЫШАТЬ ЗВУК, СКАЗАТЬ ЗВУК ИЛИ ПОЗВОНИТЬ ИЛИ ПОКАЗАТЬ ГОЛОГРАММУ ВИДЕОЗВОНКА!!!)
- ЖЕЛТЫЕ ЦВЕТА ИНЖЕНЕРНЫЕ АВТОПИЛОТОВ
- ОТСЕК АВТОПИЛОТА КРУГЛЫЙ ЖЕЛТЫЙ СОДЕРЖИТ СИГНАЛ СВЕТОВОЙ И ВОЗМОЖНОСТЬ ВРУЧНУЮ РАЗОБРАТЬ РОБОТА/ЗАЛЕЗТЬ ВНУТРЬ, КНОПКИ УПРАВЛЕНИЯ
- ГОЛОВА РОБОТА МОЖЕТ ОТКЛЮЧАТЬСЯ ДЛЯ УПРАВЛЕНИЯ/РЕМОНТА
- РОБОТ BB-8 МОЖЕТ ПЕРЕМЕЩАТЬСЯ В ПРОСТРАНСТВЕ ПУТЕМ ДВИЖЕНИЯ ШАРА-СФЕРЫ = РАБОТЫ 6 АВТОПИЛОТОВ МЕЖДУ СОБОЙ





# BB-8



C3PO





# R2D2, BB-8, C3PO = FUTURE MODELS OF ROBOTS

## R2-D2 & C-3PO

Subservient automatons with varying degrees of intelligence, droids are manufactured in as many different forms as there are tasks. Despite the fact that they are vital to the smooth operation of galactic society, they are often treated as chattel by their owners and generally underappreciated. The protocol droid C-3PO and his counterpart, the astromech R2-D2, excel at their respective functions, and have together served various masters for decades. With rare exceptions, C-3PO and R2-D2 have managed to avoid routine memory wipes, as a result, both have developed idiosyncratic personalities. While C-3PO has a distaste for space travel and a tendency to worry and fuss, R2-D2 is decidedly more adventurous and has an almost fierce streak of independence.

### COGNITIVE MODULE

C-3PO's complex cognitive module was cannibalized from three different scrapped Geonosian AA-1 warbots. Furthermore, the unstable "holodroid" neural circuitry was perfectly synchronized, resulting in the remarkable ability to be an expert in etiquette, decorum, customs, protocol, religious rituals, and other matters. A unique MK-7 Mental Nerve System allows C-3PO to be human and various alien standards.

- ① Memory interface
- ② Memory bank
- ③ MK-7 Mental Nerve System
- ④ Primary 10 communication module
- ⑤ Speech generator
- ⑥ Model AA-1 warbot
- ⑦ Balance eye
- ⑧ Auditory sensor
- ⑨ Biometric communication
- ⑩ Primary circuit breaker

### EXTENSIBLE SENSORS

R2-D2's parabolic visual system allows him to see what other droids of his height might not. His cameras can transmit and receive signals, and also detect a wide variety of life forms.

### MODIFIED LAUNCHER

Originally engineered to launch emergency flares, R2-D2's pneumatic ejection tube was modified to accommodate Luke Skywalker's second lightsaber, which the great protocol droid delivered to his Master after they were rescued by allies in the forest. R2 has traveled toward its first major projectile with pinpoint accuracy. On Dagobah, he used his tube to eject a warning rock from his systems after the tube failed to eject in the woods.

### DROID CO-PILOT

Astromechs are used in various configurations on intergalactic flight, and serve as backup in the event of interstellar space. Plugged into a flightmaster's astromech socket, an R2 unit receives flight performance, approach and time-to-arrival protocols, course and trajectory calculations, boost power from the shipboard systems, and a copy of basic flight data when the pilot is incapacitated. The great astromech and others like him are used to assist directly to a small number on the ship's dashboard.

- ① Structural interface
- ② Power interface
- ③ Sensor
- ④ Astromech socket
- ⑤ Astromech interface

### RETRACTABLE LEG

To maintain balance and allow faster travel over uneven terrain, R2 only has a fixed retractable leg when he is in his normal form. The leg extends from within his cylindrical body.

### RE-2'S PARTS

Discovered on the planet Bespin, the R2-D2 consists of two main parts: a circular head, an electric eye, a circular chest, a hydrocarbon engine, an internal organ compartment, and a fire extinguisher. While most of R2-D2's instruments are related to flight maintenance, special fittings enable him to play chess and serve as a drink dispenser. R2-D2 carries within his extendible neck, specifically constructed for operation within a blaster's droid socket.

- ① Main wiring area
- ② Secondary hydrocarbon engine
- ③ Lubrication compartment
- ④ Internal organ compartment
- ⑤ Fire extinguisher
- ⑥ Main power distributor
- ⑦ Hydrocarbon engine
- ⑧ Main power distributor
- ⑨ Main power distributor
- ⑩ Main power distributor
- ⑪ Main power distributor
- ⑫ Main power distributor
- ⑬ Main power distributor
- ⑭ Main power distributor
- ⑮ Main power distributor
- ⑯ Main power distributor
- ⑰ Main power distributor
- ⑱ Main power distributor
- ⑲ Main power distributor
- ⑳ Main power distributor
- ㉑ Main power distributor
- ㉒ Main power distributor
- ㉓ Main power distributor
- ㉔ Main power distributor
- ㉕ Main power distributor
- ㉖ Main power distributor
- ㉗ Main power distributor
- ㉘ Main power distributor
- ㉙ Main power distributor
- ㉚ Main power distributor
- ㉛ Main power distributor
- ㉜ Main power distributor
- ㉝ Main power distributor
- ㉞ Main power distributor
- ㉟ Main power distributor
- ㊱ Main power distributor
- ㊲ Main power distributor
- ㊳ Main power distributor
- ㊴ Main power distributor
- ㊵ Main power distributor
- ㊶ Main power distributor
- ㊷ Main power distributor
- ㊸ Main power distributor
- ㊹ Main power distributor
- ㊺ Main power distributor

### RE PARTS (CONT.)

- ① Main power distributor
- ② Main power distributor
- ③ Main power distributor
- ④ Main power distributor
- ⑤ Main power distributor
- ⑥ Main power distributor
- ⑦ Main power distributor
- ⑧ Main power distributor
- ⑨ Main power distributor
- ⑩ Main power distributor
- ⑪ Main power distributor
- ⑫ Main power distributor
- ⑬ Main power distributor
- ⑭ Main power distributor
- ⑮ Main power distributor
- ⑯ Main power distributor
- ⑰ Main power distributor
- ⑱ Main power distributor
- ⑲ Main power distributor
- ⑳ Main power distributor
- ㉑ Main power distributor
- ㉒ Main power distributor
- ㉓ Main power distributor
- ㉔ Main power distributor
- ㉕ Main power distributor
- ㉖ Main power distributor
- ㉗ Main power distributor
- ㉘ Main power distributor
- ㉙ Main power distributor
- ㉚ Main power distributor
- ㉛ Main power distributor
- ㉜ Main power distributor
- ㉝ Main power distributor
- ㉞ Main power distributor
- ㉟ Main power distributor
- ㊱ Main power distributor
- ㊲ Main power distributor
- ㊳ Main power distributor
- ㊴ Main power distributor
- ㊵ Main power distributor
- ㊶ Main power distributor
- ㊷ Main power distributor
- ㊸ Main power distributor
- ㊹ Main power distributor
- ㊺ Main power distributor

### COMMUNICATION MODULE

Main circuits for C-3PO's entire body are contained within his backplate, making them accessible for maintenance and repair but also vulnerable to the great blaster. His astromech's built-in emergency battery allows his head to briefly continue operation in the event that his primary circuit breaker is damaged or detached from his body.

- ① Main circuitry panel
- ② Circuit breaker and access plate
- ③ Emergency battery
- ④ Main circuitry panel
- ⑤ Circuit breaker and access plate
- ⑥ Emergency battery

### C-3PO'S COMPONENTS

A primarily humanoid droid, C-3PO is designed for the Outer Rim planets. His physical appearance, although C-3PO is every way resembles a standard 2nd Grade level of the droid and human parts are more a century old, and many of his pieces were scrounged and possibly scavenged from other droids. He received his great passing away in the Clone Wars.

- ① Head
- ② Neck
- ③ Torso
- ④ Arms
- ⑤ Legs
- ⑥ Feet
- ⑦ Hands
- ⑧ Fingers
- ⑨ Toes
- ⑩ Nails
- ⑪ Hair
- ⑫ Skin
- ⑬ Muscles
- ⑭ Bones
- ⑮ Joints
- ⑯ Tendons
- ⑰ Ligaments
- ⑱ Cartilage
- ⑲ Nerves
- ⑳ Blood vessels
- ㉑ Lungs
- ㉒ Heart
- ㉓ Stomach
- ㉔ Intestines
- ㉕ Kidneys
- ㉖ Bladder
- ㉗ Liver
- ㉘ Gallbladder
- ㉙ Pancreas
- ㉚ Spleen
- ㉛ Thymus
- ㉜ Pituitary
- ㉝ Hypothalamus
- ㉞ Pineal
- ㉟ Adipose
- ㊱ Bone marrow
- ㊲ Blood
- ㊳ Lymph
- ㊴ Saliva
- ㊵ Tears
- ㊶ Sweat
- ㊷ Mucus
- ㊸ Hair
- ㊹ Nails
- ㊺ Skin

### VISION AND MEMORY

The protocol droid allows C-3PO to see and act on his original manufacturer-based components, but were added approximately four three years before the Battle of Yavin during the Clone Wars, the deteriorated image of a young boy continues to haunt within C-3PO's memory bank. The boy's identity remains a mystery to C-3PO.

- ① Main circuitry panel
- ② Circuit breaker and access plate
- ③ Emergency battery
- ④ Main circuitry panel
- ⑤ Circuit breaker and access plate
- ⑥ Emergency battery

### CONTROL DEVICES

Droids can be programmed by a collar—used by the Galactic Empire to override its motor functions. Because a restraining bolt restricts the droid's actions and can automatically deactivate the droid if it strays from its programmed duties, they are typically used to enforce the containment of droids. Use of these kind and specialized services by the Rebel Alliance, with R2-D2 and C-3PO most respected by their allies, and neither is required to wear a restraining bolt.

- ① Restraining bolt
- ② Restraining bolt
- ③ Restraining bolt
- ④ Restraining bolt
- ⑤ Restraining bolt
- ⑥ Restraining bolt
- ⑦ Restraining bolt
- ⑧ Restraining bolt
- ⑨ Restraining bolt
- ⑩ Restraining bolt
- ⑪ Restraining bolt
- ⑫ Restraining bolt
- ⑬ Restraining bolt
- ⑭ Restraining bolt
- ⑮ Restraining bolt
- ⑯ Restraining bolt
- ⑰ Restraining bolt
- ⑱ Restraining bolt
- ⑲ Restraining bolt
- ⑳ Restraining bolt
- ㉑ Restraining bolt
- ㉒ Restraining bolt
- ㉓ Restraining bolt
- ㉔ Restraining bolt
- ㉕ Restraining bolt
- ㉖ Restraining bolt
- ㉗ Restraining bolt
- ㉘ Restraining bolt
- ㉙ Restraining bolt
- ㉚ Restraining bolt
- ㉛ Restraining bolt
- ㉜ Restraining bolt
- ㉝ Restraining bolt
- ㉞ Restraining bolt
- ㉟ Restraining bolt
- ㊱ Restraining bolt
- ㊲ Restraining bolt
- ㊳ Restraining bolt
- ㊴ Restraining bolt
- ㊵ Restraining bolt
- ㊶ Restraining bolt
- ㊷ Restraining bolt
- ㊸ Restraining bolt
- ㊹ Restraining bolt
- ㊺ Restraining bolt

### DATA FILE

R2-D2 - Manufacturer: Industrial Automaton  
 • Make: Class Two R2 astromech droid • Weight: 6.96 (3 R2 in)  
 • Height: 67 kg (150.8 lbs) • Primary functions: Navigation, repair  
 • Homeworld: Bespin

C-3PO - Manufacturer: Cybot Galactica (subfabricated from original components)  
 • Make: Class Two protocol droid • Weight: 17 (3 R2 in)  
 • Height: 73 kg (161 lbs) • Primary functions: Diplomacy, translation and ally • Homeworld: Bespin